ALEXANDER R. MARMUREANU M.D.

6253 Hollywood Blvd, #1108, Los Angeles, CA 90028 Phone: 310-208-4400

SPECIALTY

Thoracic and Cardiovascular Surgery

CURRENT POSITION

CEO & President, California Heart & Lung Surgery Medical Center

2003 – Present

OFFICE ADDRESS:

UCLA Medical Center 100 UCLA Medical Plaza, Ste 410 Los Angeles, CA 90024 Tel: (310) 208 4400

Fax: (323) 856 9013

St Vincent Cardiac Care Institute 201 South Alvarado St. Suite 321 Los Angeles, CA 90057 Tel: (310) 208 4400

Fax: (323) 856 9013

Administrative office:

6253 Hollywood Blvd, Ste 1108 Hollywood, CA 90028

Tel: (310) 208 4400 Fax: (323) 856 9013

Office Phone: 310-208-4400

E-MAIL: <u>amarmureanu@mednet.ucla.edu</u>

HOSPITAL APPOINTMENTS:

UCLA Medical Center, Westwood, CA	2000 - Present
Centinela Freeman Medical Center, Los Angeles, CA	2003 - Present
Hollywood Presbyterian Medical Center, Los Angeles, CA	2010 - Present
Olympia Medical Center, Los Angeles, CA	2003 - Present
Cedars Sinai Medical Center, Los Angeles, CA	2009 - Present
St. Vincent Medical Center, Los Angeles, CA	2003 - Present
St. John's Health Center, Santa Monica, CA	2003 – Present
Brotman Medical Center, Culver City, CA	2003 – Present
California Hospital Medical Center, Los Angeles, CA	2010 – Present
Century City Medical Center	2002 - 2004

PAST POSITIONS

Medical Director, Thoracic Surgery Center	July 2011 – July 2012
California Hospital Medical Center	
1401 S. Grand Ave	

1401 S. Grand Ave Los Angeles, CA 90015

Medical Director, Thoracic Surgery Center

Valley Presbyterian Hospital

July 2009 – July 2010

15107 Vanowen St Van Nuys, CA 91405

UCLA Medical Center

Medical Director, Thoracic Surgery CenterJan 2003 – Jan 2004

Century City Medical Center

2080 Century Park East, Suite 1408 Los Angeles, CA 90067

Clinical Instructor, Department of Surgery,

Jul 2002 – Jul 2003

Division of Cardiothoracic Surgery

University of California, Los Angeles 10833 LeConte Avenue, 62-246 CHS, Box 95174 Los Angeles, CA 90095-3541

POST-GRADUATE TRAINING

Cardiothoracic Surgery Fellow Jul 2000 – Jun 2002 **UCLA Medical Center** Division of Cardiothoracic Surgery, University of California, Los Angeles 10833 LeConte Avenue, 62-246 CHS, Box 951741 Los Angeles, CA 90095-3541 American Board of Thoracic Surgery 2002 In-Training Exam Score: 99 Percentile Jul 1999 – Jun 2000 Chief Resident, Dept. of Surgery **Mount Sinai School of Medicine** Mount Sinai - NYU Medical Center New York, New York Advisor: Dr. Larry H. Hollier, Chairman, Department of Surgery Senior Resident, Dept. of Surgery Jul 1998 – Jul 1999 **Mount Sinai School of Medicine** Mount Sinai - NYU Medical Center New York, New York Advisor: Dr. Larry H. Hollier, Chairman, Dept of Surgery **Postdoctoral Research Fellow** Jul 1997 - Jul 1998 Laboratory of Developmental Biology and Repair Institute of Reconstructive Plastic Surgery NYU Medical Center, New York, New York Directed by Dr. Joseph G. McCarthy and Dr. Michael T. Longaker Junior Resident, Dept. of Surgery Jul 1995 – Jul 1997 **New York University School of Medicine** Mount Sinai - NYU Medical Center New York, New York Advisor: Dr. Frank Spencer, Chairman, Department of Surgery

General Surgery Intern, Dept. of Surgery

New York University School of Medicine

Mount Sinai - NYU Medical Center

New York, New York

Advisor: Dr. Frank Spencer, Chairman, Department of Surgery

Jul 1994 – Jul 1995

GRADUATE EDUCATION

General Surgery Resident, Department of Surgery
University of Craoiva, School of Medicine

Jul 1988 – Jun 1993

Craiova, Romania

Research Fellow, Department of Surgery

Jul 1987 – Jun 1988

University of Craiova, School of Medicine, Romania

Research Thesis: Porto-Caval Anastomosis in Portal Hypertension.

University of Craiova, School of Medicine Sep 1982 – Sep 1988

Craiova, Romania Degree: Medical Doctor

National License Examination – Highest Honor

Romanian National Army, UM 01199 Sep 1981 – Jun 1982

Lieutenant, Romanian Medical Services Corp

FACULTY POSITIONS HELD

Clinical Instructor, Division of Cardiothoracic Surgery

Jul 2002 – Jul 2002

UCLA Medical Center

University of California, Los Angeles 10833 LeConte Avenue, 62-246 CHS, Box 951741 Los Angeles, CA 90095-3541

Teaching Assistant in General Surgery

Jul 1994 – Jun 1997

New York University School of Medicine

Mount Sinai - NYU Medical Center

New York, New York

Advisor: Dr. Frank Spencer, Chairman, Dept of Surgery

Teaching Assistant in Plastic SurgeryJuly 1996 – June 1997

New York University School of Medicine

Mount Sinai - NYU Medical Center

New York, New York

Advisor: Dr. Charles Thorne, Director of Plastic Surgery Dept,

Bellevue Hospital, NYU.

BOARD CERTIFICATIONS

Diplomate-American Board of Thoracic Surgery Certificate # 6956 2003 Recertified American Board of Thoracic Surgery 2012

Diplomate-American Board of Surgery Certificate # 046889 2001

NATIONAL & INTERNATIONAL ORGANIZATIONAL COMMITTEES

Program Committee International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS)	2013
Program Committee International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS) Los Angeles, California	2012
Program Committee International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS) Berlin, Germany	2010
Program Committee and Program Director; International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS) San Francisco, California.	2009
Program Committee and Program Director International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS) Rome, Italy.	2007
Cardioteam Foundation, Cardiothoracic Surgery Committee Novara, Italy	2007
Program Committee and Program Director; International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS) San Francisco, California.	2006
Program Committee member International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS) London, England.	2004
Member of the Joint Council on Thoracic Surgery Education (TSRA representative)	2000 – 2003
Member of the Executive Committee Thoracic Surgery Residents Association	2000 – 2003
TSRA representative to the Thoracic Surgery Directors Association	2000 – 2003
Program Committee member International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS) San Francisco, CA.	2003

HOSPITAL AND MEDICAL SCHOOL COMMITTEES

Medical Executive Committee, Hollywood Presbyterian Medical Center, Los Angeles, CA	2017- Present
Chairman of Quality Committee, Hollywood Presbyterian Medical Center, Los Angeles, CA	2017- Present
Cardiology New Technology Committee, St Vincent Medical Center	2011 - Present
Medical Education Committee, CA Hospital Medical Center, Los Angeles, CA	2011
Medical Executive Committee. St Vincent Medical Center, Los Angeles, CA	2011
Peer Review Committee, Brotman Medical Center, Los Angeles, CA	2010 - Present
Endovascular Surgery Committee, St Vincent Medical Center, Los Angeles, CA	2008 – Present
Surgery Committee, Brotman Hospital Medical Center, Culver City, CA	2008 – Present
Strategic Planning Committee, St. Vincent Medical Center, Los Angeles, CA	2007 – Present
AdHoc Credentials Committee, St Vincent Medical Center, Los Angeles, CA	2007 – Present
Critical Care Committee, St. Vincent Medical Center, Los Angeles, CA	2005 – Present
Surgery Committee, Centinela Hospital Medical Center, Inglewood, CA.	2004 – Present
Critical Care Committee, Brotman Hospital Medical Center, Culver City, CA	2004 – Present
CME Committee, Botman Hospital Medical Center, Culver City, CA	2004 – Present
Cardiovascular Committee, UCLA\ Santa Monica Medical Center, LA, CA	2004 – Present
Cardiac Surgery Task Force, UCLA\ Santa Monica Medical Center, LA, CA	2004 – Present
Surgery Committee, UCLA \ Santa Monica Medical Center, LA, CA	2003 – Present
Cardiothoracic Surgery Committee, Centinela Hospital Medical Center, CA	2003 – Present
Minimally Invasive Surgery Institute Committee, UCLA, LA, CA	2000 - 2002

ORGANIZATIONS AND MEMBERSHIPS

St Vincent Cornette Society 2010 – P	
Society of Thoracic Surgeons 2009 – P	resent
International Society for Cardiothoracic Surgeons 2003 – P	resent
Cardioteam Foundation 2005 – P	resent
International Society for Minimally Invasive Cardiothoracic Surgery 2001 – P	resent
Romanian Association of Cardiovascular Surgeons 2006 – P	resent
Romanian Association for Endoscopic Surgery 2002 – P	resent
Longmire Surgical Society, UCLA 2001 – P	resent
The Riviera Country Club, Pacific Palisades, CA 2001 – P	resent
Association of International Vascular Surgeons 2000 – P	resent
Cardiothoracic Surgery Network 2000 – P	resent
American Medical Association 1993 – P	resent
New York State Medical Society 1993 – Pr	resent

LICENSES

California State Medical License	A72254
New York State Medical License	212679
Porsche Club of America Race License	2008020004
Porsche Owners Club Cup Race License	10008

ADVISORY BOARDS

RiaSTAP for Management of Perioperative Bleeding, Advisory Board	March 2011
St Vincent Medical Center Foundation, Board of Directors/Trustees	2010 – Present
Blue Heron Charity Foundation, Board of Directors	2005 – Present
Micardia Corporation / Cardiothoracic Surgery Consultant	2006 – Present
St. Vincent Hospital / Consultant, Cardiothoracic Surgery Program	2005 – 2007
Bayer Pharmecuticals Corporation West Haven, Connecticut / Consultant	2005
Edwards LifeSciences Irvine, California / Consultant	2004
Coalescent Surgical Sunnyvale, California / Consultant	2003
Scios Inc. Fremont, California / Consultant	2002
Computer Motion Goeleta, California / Consultant	2000 - 2001

INTERESTS

Minimally Invasive Thoracic and Cardiovascular Surgery (VATS and Endovascular Surgery)

Off Pump CABG and Complex Myocardial Revascularization

Valve Repair and Replacement

Heart Failure/Mechanical Assist Devices

Thoracic Oncology

Thoracic Aortic Disease Repair

Robotic and Computer Assisted Surgery

Arrhythmia Surgery

CT Surgery Video Conferencing and Internet Telecommunications

CT Surgery Residents Education

Active in Fund Raising & Charities through Tennis & Skiing

HONORS AND DISTINCTIONS

Porsche Club Racing, Autoclub Speedway Porsche Festival of Speed, Class Winner GTA2, in the Enduro and Sprint Race #2	2017
Porsche Club of America, Race Track Instructor	2015-Present
Porsche Owner Club	2015-Present
Porsche Workers' Choice, California Festival of Speed Porsche Club of America, Fontana	2015
Romanian-American Celebrities Award Distinctive merit for International Medical Missions	2012
Winner of Riviera Country Club Open Division Tennis Tournament	2012
Medical Award for 20 years of Cardiothoracic Surgery, Timisoara, Romania	2011
Winner, Zurs, Austria Ski Race, Open Division	2011
2 nd Place, Zurs, Austria Ski Race, Open Division	2009
Winner of multiple car races (Porsche & Mitsubishi / Track & rally events)	2007-present
Winner of Fullfilment Fund/Charity Open Tennis Tournament	2006
Winner of Riviera Country Club Open Tennis Tournament	2005
Member of Romanian National and Davis Cup Tennis Team	1978 – 1979
University Tennis and Ski Champion - 6 consecutive years	1982 – 1988
Awarded Distinctive Merit for Leadership in Mountain Rescue Operations	1982
Medical Services Corps, Romanian National Army, UM 01199	1981
Member of Sea Rescue Squad, Black Sea Coast	Summer 1982 – 1988
Dean's List, Faculty of Medicine, University of Craiova	1982 – 1988
Elected Class President/Valedictorian	1987 – 1988

GRANTS

Jun 2001

[&]quot;Young Investigator Travel Grant", 101st Annual Congress of the Japan Surgical Society, Sendai, Japan.

RESEARCH EXPERIENCE

Principal Surgical Investigator, UCLA Medical Center

2012 - Present

"Prophylactic Cervicothoracic Sympathectomy for Prevention of Ventricular Tachyarrhythmias"

"PREVENT VT" Trial

Los Angeles, California

Research in Minimally Invasive Cardiothoracic Surgery

Jul 2000 – Present

California Heart & Lung Surgery Medical Center

Los Angeles, California

Research focused on Robotics in Cardiac Surgery

Jul 1999 – Jun 2000

Minimally Invasive Surgery Center

Mount Sinai School of Medicine

New York, New York

Advisor: Dr. Michel Gagner, Director of Minimally Invasive Surgery Center

Research Fellowship focused on Mammalian Foregut Development

Jul 1997 – Jul 1998

Laboratory of Developmental Biology and Repair,

Institute Of Reconstructive Plastic Surgery, New York University, NY

Directed by Michael T. Longaker, MD and Dr. Joseph G. McCarthy

PATENTS

U.S Patent Application No. 11/801,927 & No. 11/801,925 & No. 11/799/909

INTRAOPERATIVE AND POST-OPERATIVE ADJUSTMENT

OF AN ANNULOPLASTY RING

Inventor: Alexander Marmureanu, et al.

July 2007

MANUSCRIPTS

Lozonschi L, **Marmureanu AR**, Gagner M, Zenilman M, Tortolani A. "Closure of atrial septal defects using a robotical surgical system: A feasibility study" The Journal of Japan Surgical Society Vol. 102: (154) #20010310, November 2004.

Marmureanu AR, Lozonshi L, Hollier L, Gagner M, "Experimental Robotic Closure of Atrial Septal Defects: A Surgical Training Model" The Journal of Cardiovascular Surgery Vol. 44 Suppl. 1-5 #300, October 2003. Wieder JA, Laks H, Freitas D, **Marmureanu AR**, Belldegrun A. "Renal Cell Carcinoma with Tumor Thrombus Extension into the Proximal Pulmonary Artery" Journal of Urology. Vol. 169, 2296-2297. June 2003.

Marelli D, Laks H, Patel B, Kermani R, Patel J, **Marmureanu AR**, Moriguchi J, Fonarow G, Hamilton M, Ardehalli A, Esmailian F, Plunkett M, Hage A, Kobashigawa J. "Heart Transplantation in Patients with Diabetes Mellitus in the Current Era." Journal of Heart and Lung Transplantation. 22(10):1091-7 October 2003

Marmureanu AR, Lozonschi L, Hollier L, Gagner M, "Closure of Atrial Septal Defects in Ex Vivo Porcine Hearts Using A Robotic System." The Heart Surgery Forum, Vol 5: S173, 2002

Marmureanu AR, Rose MI, Crisera CA, Colen KL, Connelly PR, Longaker MT, Gittes GK. "Introduction of Genes into the Embryonic Pancreas Utilizing an Adenoviral Vector." Surgical Forum 49: 469-470, 1998

Crisera CA, Connelly PR, **Marmureanu AR**, Li M, Rose MI, Colen KL, Longaker MT, Gittes GK "TTF-1 and HNF –3β in the Developing Tracheo-esophageal Fistula: Further Evidence for the Respiratory Origin of the Distal Esophagus." J Pediatr Surg 34 (9): 1322 – 1326, 1999

Crisera, CA, Connelly, PR, **Marmureanu, AR**, Rose, MI, Colen, KL, Li, M, Longaker, MT, Gittes, GK. "Esophageal Atresia/Trachea-esophageal Fistula: Suggested Mechanism in Faulty Organogenesis." J Pediatr Surg 34 (1): 204-208, 1999.

Grau J, Rowe NM, Chau D, **Marmureanu AR**, Longaker MT, Turnbull D and Gittes GK: "Ultrasound Backscatter Microscopy Guided Injection: A Vehicle for In Utero Cardiac Gene Therapy During Early Organogenesis." Surgical Forum 49: 590 – 593, 1998.

Crisera CA, Connelly PR, **Marmureanu AR**, Rose MI, Colen KL, Li M, Longaker MT, Gittes GK. "Organogenesis of Tracheo-esophageal Fistual: Respiratory Origin of the Distal Esophagus." Surgical Forum 49: 580-583, 1998.

ABSTRACTS

Marmar Vaseghi, Jean Gima, Christopher Kanaan, Olujimi A. Ajijola, **Alexander Marmureanu**, Aman Mahajan, Kalyanam Shivkumar. "Cardiac sympathetic denervation in patients with refractory ventricular arrhythmias or electrical storm: Intermediate and long-term follow-up." Heart Rhythm, Vol 11, No 3, March 2014.

Marmar Vaseghi, Olujimi A. Ajijola, Jean Gima, Roderick Tung, **Alexander Marmureanu**, Aman Mahajan, Kalyanam Shivkumar. "Cervicothoracic Sympathectomy in Patients with Refractory Ventricular Tachyarrhythmias: Intermediate and Long Term Follow Up." 34th Annual Scientific Sessions, Heart Rhythm Society, Denver, Colorado, May8-11th, 2013.

F Shannon, M Buchbinder, **AR Marmureanu**, D Zarbatani, J Flores, "Surgical Activation of the Mitral Valve Annulus followed by Percutaneous Remodeling of the Mitral Valve Annulus" 20^{th} Anniversary, International Congress of Endovascular Interventions, Arizona Heart Institute, Scottdale Arizona, Feburary 9-15, 2007.

Marmureanu, AR, Lozonshi L, Hollier L, Gagner M, "Training Models for Robotic Cardiothoracic Surgery" 24th Annual San Diego Cardiothoracic Surgery Symposium, San Diego, CA, March 11-14, 2004.

Lozonschi L, **Marmureanu AR**, Gagner M, Zenilman M, Tortolani A. "Closure of atrial septal defects using a robotical surgical system; A feasibility study" The Journal of Japan Surgical Society Vol. 102: (154) #20010310, November 2004.

Marmureanu AR, Lozonshi L, Hollier L, Gagner M, "Developing a Training Model for Robotic Surgery" 13th Annual Meeting World Society For Cardio-Thoracic Surgeons, San Diego, CA, November 1-5, 2003.

Marmureanu AR, Lozonshi L, Hollier L, Gagner M, "Experimental Robotic Closure of Atrial Septal Defects: A Surgical Training Model" 5th Annual Meeting International Society For Minimally Invasive Cardiothoracic Surgery, (ISMICS) New York, NY, June 20-23, 2002.

Marelli D, Laks H, Patel B, Kermani R, Patel J, **Marmureanu AR**, Moriguchi J, Fonarow G, Hamilton M, Ardehalli A, Esmailian F, Plunkett M, Hage A, Kobashigawa J. "Heart Transplantation in Patients with Diabetes Mellitus in the Current Era." 22nd Annual Meeting and Scientific Sessions, The International Society for Heart and Lung Transplantation.(ISHLT) Washington, D.C. April 10-13, 2002.

Marmureanu AR, Lozonschi L, Hollier L, Gagner M, "Closure of Atrial Septal Defects Using a Robotic Surgical System; An Animal Bench Training Model." 101st Annual Congress of the Japan Surgical Society, Sendai, Japan. April 11-13, 2001. Awarded "Young Investigator Travel Grant".

Marmureanu AR, Lozonschi L, Hollier L, Gagner M, : "Closure of Atrial Septal Defects Using a Robotic Surgical System in an Animal Bench Model, A Feasibility Study." The 4th International Congress on Computers and Robotics, Santa Barbara, California, July 19-22, 2000.

Marmureanu AR, Balledux J, Kerstein M, Hollier L, Brem H,: "New Technologies For The Healing of Diabetic And Venous Ulcers", 18th Annual Meeting of the Association of International Vascular Surgeons, Zermatt, Switzerland, March 15th, 2000.

Marmureanu, AR, Rose, MI, Crisera, CA, Colenl, KL, Connelly, PR, Longaker, MT, Gittes, GK. "Introduction of Genes into the Embryonic Pancreas Utilizing an Adenoviral Vector." Surgical Forum,

American College of Surgeons, Orlando, FL,October, 1998.

Marmureanu AR, Grau J, Rowe NM, Chau D, Longaker MT, Turnbull D and Gittes GK "Ultrasound Backscatter Microscopy Guided Injection used for *In Utero* Cardiac Gene Therapy During Early Organogenesis", New York Surgical Society, Cornell University Medical Center, New York, NY, November 11, 1998.

Crisera, CA, Connelly, PR, **Marmureanu, AR**, Rose, MI, Longaker, MY, Gittes, GK. "Esophageal Atresia/Trachea-esophageal Fistula: Mechanism in Faulty Organogenesis" J. Englebert Dunphy Resident Research Day, UCSF, San Francisco, CA, February, 1998

Crisera CA, Connelly PR, Marmureanu AR, Rose MI, Colen KL, Li M, Longaker MT, Gittes GK: "Organogenesis of Tracheo-esophageal Fistula: Respiratory Origin of the Distal Esophagus." Surgical Forum, American College of Surgeons, Orlando, FL, October 1998.

Grau J, Rowe NM, Chau D, Marmureanu AR, Longaker MT, Turnbull D and Gittes GK: "Ultrasound Backscatter Microscopy Guided Injection: A Vehicle for *In Utero* Cardiac Gene Therapy During Early Organogenesis", Surgical Forum, American College of Surgeons, Orlando, FL, October 1998.

Crisera, CA, Connelly, PR, Marmureanu, AR, Rose, MI, Colen, KL, Li, M, Longaker, MT, Gittes, GK "Esophageal Atresia/Trachea-esophageal Fistula: Mechansism in Faulty Organogenesis" American Pediatric Surgical Association Meeting, Hilton Head, SC, May 1998

PRESENTATIONS AT NATIONAL AND INTERNATIONAL MEETINGS

Ethicon Innovation Summit

February 9, 2017 Orlando, Florida Invited Speaker and Moderator

Joint Meeting, 34th Cardiovascular Surgical Symposium

February 29th- March 5th 2016, Zurs, Austria Invited Speaker and Moderator

Joint Meeting, 33rd Cardiovascular Surgical Symposium

March 9th- March 13th 2015, Zurs, Austria Invited Speaker: "Prevent VT: The UCLA Experience"

Joint Meeting, 32st Cardiovascular Surgical Symposium March 22nd- March 29th 2014, Zurs, Austria

March 22nd- March 29th 2014, Zurs, Austria Mitral and Tricuspid Valve Disease Interventional Aortic Valve Replacement Invited Speaker: "Cardiac Sympathetic Denervation: The UCLA Experience" March 2nd- March 9th 2013, Zurs, Austria

Invited Speaker: "Minimally Invasive Arrhythmia Surgery: The UCLA Experience"

Thimphu National Hospital October 16th - 18th 2011, Thimphu, Bhutan

Lectured and trained local physicians and surgerons in thoracic trauma.

Advisor to the Minister of Health in regards to the local healthcare system.

20 Years Anniversary of Cardiac Surgery in Romania,

September 16th - 19th, 2011, Timisoara, Romania

Performed live surgery; Invited speaker & moderater

Advisor to the District Director of the Cardiology Center in regards to the local healthcare system

University of Vienna, General Hospital, September 13th-16th, 2011, Vienna, Austria

Performed live surgery; Invited speaker

UCLA winter update: Clinical Breakthroughs in Cardiology, March 17th – 20th 2011, Snowbird, Utah Invited speaker: "From minimally invasive cardiac surgery to minimally invasive thoracic surgery: A target of opportunity or surgical Darwinism"

Joint meeting, 29th Cardiovascular Surgical Symposium, 6th Cardiac Surgery Update & Progress, February 26 – March 5th 2011, Zurs, Austria

Invited Speaker and moderator, "Minimally invasive approaches in the treatment of Atrial Fibrillation"

Republican Hospital Cardiothoracic Surgery Grand Rounds, October 19, 2010 Chisinau, Moldova

Invidet Speaker, "New approaches in Minimally Invasive Thoracic Surgery"

Advisor to the Director of the Cardiology Center in regards to the local healthcare system.

UCLA winter update: Clinical Breakthroughs in Cardiology, January 14- 17 2010, Snowbird, Utah

Invited speaker: "New Approaches in Minimally Invasive Mitral Valve Surgery"

ISMICS Winter Workshop at Medanta-The Medicity,

December 11- December 13 2009, Delhi NCR, India

Invited speaker, "New approaches in Minimally Invasive Mitral Valve Surgery"

ISMICS Winter Workshop at Medanta-The Medicity,

December 11- December 13 2009, Delhi NCR, India

Invited faculty and program committee

 ${f 5}^{
m th}$ Annual International Symposium of the Romanian Society of Cardiovascular Surgery & Romanian $_{13}$

Society of Anesthesia & Intensive Cardiac Therapy,

October 1- October 3 2009, Cluj, Romania

Invited speaker, moderator and session chairman, "Postinfarction Ventricular Free Wall Rupture"

$\mathbf{5}^{ ext{th}}$ Annual International Symposium of the Romanian Society of Cardiovascular Surgery & Romanian Society of Anesthesia & Intensive Cardiac Therapy.

October 1- October 3 2009, Cluj, Romania

Invited speaker, moderator and faculty, "New approaches in Minimally Invasive Cardiothoracic Surgery"

3rd Cardioteam International Symposium, September 11-September 12 2009, Wroclaw, Poland "Controversies and Advances in Cardiac Surgery" Invited speaker, moderator, program committee

International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS)

June 3-June 6 2009, San Francisco, California Invited Speaker, Moderator & Program Director

International School of Cardiac Surgery, May 18-May 22 2009, Erice, Italy Invited Speaker, Moderator & Faculty, "Surgical Treatment of Acute Aortic Dissection"

Joint Meeting- 27th Cardiovascular Surgical Symposium and 4th Cardiac Surgery Update and Progress, February 28- March 7 2009, Zurs, Austria

Invited Faculty, "Concept of Mitral Valve Reconstruction in the Failing Heart"

Micardia / STS San Francisco, January 26 2009, STS San Francisco Moderator, "Design requirements: Subcutaneous Activating Ring"

11th Cardioteam International Symposium, April 18-19 2008, Massa, Italy Invited Speaker, "Minimally invasive Mitral valve repair"

UCLA Winter Update: Clinical Breakthroughs in Cardiology February 21-24, 2008 Snowbird, Utah Invited Speaker, "Percutaneous Aortic and Mitral Valve Procedures: a Surgeon's perspective"

10th Annual Meeting, International Society for Minimally Invasive Cardiothoracic Surgery, (ISMICS) June 6-9 2007, Rome, Italy. Program Committee, Moderator

11th Annual Meeting, Danubian Forum for Cardiac Surgery, June 1-2 2007, Timisoar, Romania. Invited speaker, "Minimally Invasive Cardiothoracic Surgery" Program Speaker and Moderator

UCLA Winter Update: Clinical Breakthroughs in Cardiology February 22-25, 2007 Snowbird, Utah Invited speaker, "Update in Less Invasive Cardiothoracic Surgery"

DMS Cardiovascular Educational Meeting, October 12-15,2006. Fairmont Kea Lani, Maui. Invited speaker, "Less Invasive Cardiothoracic Surgery"

9th Annual Meeting, International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS) June 7-10, 2006, San Francisco, CA. Program Committee, Moderator and Director

UCLA Winter Update: Clinical Breakthroughs in Cardiology February 24-27, 2006 Snowbird, Utah. Invited Speaker, "Update in Less Invasive Cardiothoracic Surgery"

DMS Cardiovascular Educational Meeting, October 6-8, 2005. Fairmont Kea Lani, Maui. Invited Speaker, "Robotics in Cardiovascular Surgery"

4th Annual Cadiovascular Symposium, October 14-17, 2004. Fairmont Kea Lani, Maui. Invited speaker, "Robotics in Cardiovascular Surgery".

7th Annual Meeting, International Society for Minimally Invasive Cardiothoracic Surgery, (ISMICS) June 23-26, 2004, London, UK. Program Committee & Moderator.

24th Annual San Diego Cardiothoracic Surgery Symposium, March11-14, 2004. San Diego, CA. Invited Speaker, "Training Models for Robotic Cardiothoracic Surgery".

UCLA Winter Cardiology Update, Feb.27 – March 1, 2004. Snowbird, Utah. Invited speaker, "Current Concepts in Less Invasive Cardiac Surgery".

13th Annual Meeting, International Society of Cardio-Thoracic Surgeons November 1-5, 2003, San Diego, CA. Invited speaker, "Developing a Training Model for Robotic Surgery".

6th Annual Meeting, International Society for Minimally Invasive Cardiothoracic Surgery, (ISMICS) June 19-21st, 2003, San Francisco, CA. Invited Faculty & Moderator.

First National Congress of The Romanian Association for Endoscopic Surgery and Interventional Techniques, October 17th-18th, Bucharest, Romania. Moderator "Telementoring in Robotic Surgery."

5th Annual Meeting, International Society for Minimally Invasive Cardiac Surgery, (ISMICS) June 20-23rd, 2002, New York, NY. Invited speaker, "Experimental Robotic Closure of Atrial Septal Defect: A Surgical Training Model."

Minimally Invasive Cardiac Surgery Forum, February 9-10, 2002. Las Vegas, Nevada. Invited speaker, "Minimally Invasive Cardiothoracic Surgery - An Update."

Current Advances in Surgery Symposium, December $14 - 17^{th}$, 2000. Frenchman Reef, St. Thomas, Virgin Islands. Invited speaker, "Robotics Applications in Surgery."

4th International Congress on Computers and Robotics, July 19-22, 2000. Santa Barbara, California: Invited speaker, "Closure of Atrial Septal Defects Using a Robotic Surgical System in an Animal Bench Model; A Feasibility Study."

18th Annual Meeting of the Association of International Vascular Surgeons, March 15th, 2000, Zermatt, Switzerland: Invited speaker, "New Technologies For The Healing of Diabetic And Venous Ulcers."

New York Surgical Society, November 11, 1998, Cornell University Medical Center, New York, NY: Invited speaker, "Ultrasound Backscatter Microscopy Guided Injection: A Vehicle for *In Utero* Cardiac Gene Therapy During Early Organogenesis."

Surgical Forum, American College of Surgeons, October 25-30, 1998. Orlando, FL, Invited speaker, "Introduction of Genes into the Embryonic Mouse Pancreas Utilizing an Adenoviral Vector.

INVITED PAPERS, LECTURES, PRESENTATIONS

Tashkent Medical Academy, Tashkent, Uzbekistan Invited speaker, "Cardiothoracic Surgery in the United States"	October 15, 2016
Baku, Azerbaijan Invited speaker, "Cardiothoracic Surgery in the United States"	October 13,2016
Erebuni Medical Center, Yerevan, Armenia Invited speaker, "Cardiothoracic Surgery in the United States"	October 11, 2016
Saint Vincent Medical Center, Los Angeles, California Invited speaker, CME lecture "Surgical Approaches to Lung Cancer"	February 12, 2016
Auckland City Hospital, Auckland, New Zealand Invited Visiting Professor, Grand Surgical Rounds	October 21, 2015
National Hospital of Sri Lanka, Colombo, Sri Lanka Invited Visiting Professor, Grand Surgical Rounds	October 16, 2015
Medinet Heart Hospital, Wroclaw, Poland Invited Visiting Professor, Grand Surgical Rounds	October 8, 2015
Vilnius University Santariskiu, Vilnius, Lithuania Invited Visiting Professor, Grand Surgical Rounds	October 6, 2015
Shanghai Yodak CardioThoracic Hospital, Shanghai, China Invited speaker/visiting professor, "New Approaches in Cardiac Surgery"	October 18, 2014
Sema Hospital, Almaty, Kazakhstan Invited speaker/visiting professor, "Minimally Invasive Cardiothoracic Surgery"	October 12, 2014
Clinical Center of Serbia. Belgrade, Serbia Invited speaker/visiting professor, "VATS in 2014"	October 9, 2014
University Medical Center, Ljubljana, Slovenia Invited speaker/visiting professor, "Minimally Invasive Cardiac Surgery"	October 7, 2014
Nacula Island Medical Center, Fiji/Nacula Island Invited speaker, "Thoracic Trauma"	April 15, 2014

Clinica Alemana, Santiago, Chile Invited speaker/visiting professor, "Advancements in Cardiothoracic Surgery"	November 29, 2012
National Center for Cardiovascular Disease, Fu Wai Hospital, Beijing, China Invited speaker/visiting professor, "Advancements in Cardiothoracic Surgery"	October 19, 2012
National Taiwan University Hospital, Taipei, Taiwan Invited speaker/visiting professor, "Advancements in Cardiothoracic Surgery"	October 17, 2012
Setthathirat Hospital, Vientiane, Laos Invited speaker/visiting professor, "Advancements in Cardiothoracic Surgery"	October 15, 2012
PSP New Hospital, Tbilisi, Georgia Invited speaker/visiting professor, "Advancements in Cardiothoracic Surgery"	October 12, 2012
Universtity Medical Center, Gdansk, Poland Invited speaker/visiting professor, "Advancements in Cardiothoracic Surgery"	October 8, 2012
Kaiser Permanente, Los Angeles, California Invited speaker, Cardiology Grand Rounds, "Surgical treatment of recurrent ventricular tachycardia, VATS sympathectomy"	June 17 2012
California Hospital Medical Center, Los Angeles, California Invited speaker, CME lecture "Update in minimally invasive cardiothoracic surgery"	April 18 2012
Marina Del Rey Hospital, Marina Del Rey, California Invited speaker, CME lecture "Update in minimally invasive cardiothoracic surgery"	March 28 2012
Brotman Hospital Medical Center, Los Angeles, California Invited speaker, CME lecture "Update in minimally invasive cardiothoracic surgery"	March 22 2012
St Vincent Medical Center. Los Angeles, California Invited speaker, CME lecture "Surgical Approaches to Lung Cancer"	July 15 2010
Rotary Club of Thousand Oaks, Thousand Oaks, California Invited speaker, "Update in Minimally Invasive Thoracic Surgery"	May 27 2010

Cornette Society Luncheon, Los Angeles, California Visiting Professor, "Lunch with a Top Doc: Advances in Less Invasive Surgery"	May 11 2010
California Physicians Symposium, Hollywood, California Invited speaker, "Minimally Invasive Thoracic Surgery: VATS Lobectomy"	February 25 2010
UCLA School of Medicine, 22^{nd} Conference on Career Choices in Medicine Invited Faculty and Speaker	November 2009
Valley Presbyterian Hospital, Van Nuys, California Invited Speaker, CME lecture "Minimally Invasive cardiothoracic surgery"	November 2009
California Physicians Symposium, Westwood, California Invited speaker, "Minimally Invasive surgery, VATS Lobectomy"	October 2009
Brotman Medical Center, Los Angeles, California Invited speaker, CME lecture "VATS: Lobectomy"	June 2009
St Vincent Medical Center, Los Angeles, California Invited speaker, CME lecture "VATS: Lobectomy"	June 2009
California Physicians Symposium, Hollywood, California Invited speaker, "VATS Lobectomy"	May 5 2009
California Physicians Symposium, Hollywood, California Invited speaker, "Update on Minimally Invasive Cardiothoracic Surgery"	March 27 2009
St Vincent Medical Center, Los Angeles, California Invited speaker, CME lecture "Minimally Invasive Cardiothoracic Surgery"	February 2009
Conference on Career Choices in Medicine, UCLA Invited speaker, General surgery & Subspecialies: Cardiothoracic Surgery	February 2009
St Vincent Medical Center, Los Angeles, California Invited speaker, CME lecture "Aortic Dissection"	January 2009
St Vincent Medical Center, Los Angeles, California Invited speaker, CME lecture "Aortic Dissection"	December 2008

Hollywood Physicians Symposium,

Invited speaker "Update on Minimally Invasive Cardiothoracic Surgery"

March 6 2008

St Francis Medical Center, Los Angeles, California

Invited speaker, CME lecture "Minimally Invasive Cardiothoracic Surgery"

January 2008

UCLA-Santa Monica Medical Center Seminar

Invited speaker, "Minimally Invasive Heart and Lung Surgery"

November 2006

St. Vincent Medical Center

Invited speaker, CME lecture New Trends in Minimally Invasive Cardiothoracic Surgery

May 2006

Brotman Medical Center

Invited speaker, CME lecture *New Trends In Minimally Invasive Cardiothoracic Surgery* St. Vincent Medical Center

February 2006

Invited speaker, CME lecture Minally Invasive Thoracic Surgery Case Presentations

April 2006

St. Vincent Medical Center

Invited speaker, CME lecture VATS, Management of Solitary Pulmonary Nodule

November 2005

UCLA Medical Center

Invited speaker, CME lecture Minimally Invasive Heart and Lung Surgery

October 2005

St. Vincent Medical Center Nursing Seminar

Invited speaker, CME lecture Advances in Cardiothoracic Surgery

September 2005

St. Vincent Medical Center

August 2005

Invited speaker, CME lecture Updates on Minimally Invasive Techniques in Thoracic Surgery

Brotman Medical Center Nursing Seminar

November 2004

Invited speaker, Advances in Cardiothoracic Surgery

Brotman Medical Center, Los Angeles, CA

November 2003

Invited speaker, CME lecture Less Invasive Cardiac Surgery

Century City Medical Center, Los Angeles, CA Invited speaker, CME lecture <i>New Development in Cardiothoracic Surgery</i>	August 2003
Century City Medical Center, Los Angeles, CA Invited speaker, CME lecture Clinical Pathway for Integrating Minimally Invasive Surgery into Surgical Practice	May 2003
Century City Medical Center Symposium, Los Angeles, CA Invited speaker, New Trends in CT Surgery	May 2003
Century City Hospital, Los Angeles, CA Invited speaker, CME lecture <i>Minimally Invasive Cardiothoracic Surgery</i>	February 2003
Orange Coast Memorial Medical Center, CA. Invited speaker, CME lecture <i>Minimally Invasive Thoracic Surgery</i>	January 2 0 0 3
University Hospital Fundeni, Bucharest Romania Invited speaker, <i>Invited Surgeon to provide CT Surgery Training</i>	October 2002
Joint Council on Thoracic Surgery Education, Chicago, Illinois Invited speaker, CT Surgery Resident's Survery of Work Hours Findings and Recommendations	September 2002
Department of Medicine, Radiation Oncology Grand Rounds UCLA Medical Center, LA Invited speaker, Surgical Treatment of Lung Cancer	September 2002
Division of Cardiology Grand Rounds, UCLA Medical Center, LA Invited speaker, <i>Minimally Invasive Cardiothoracic Surgery</i>	March 2002
General Thoracic Tumor Board Lecture, UCLA Medical Center, LA Invited speaker, <i>Minimally Invasive Thoracic Surgery</i>	March 2002
General Surgery Grand Rounds, UCLA Medical Center, LA Invited speaker, <i>The Future of Minimally Invasive Surgery Centers</i>	February 2002

General Thoracic Tumor Board Lecture, UCLA Medical Center, LA Invited speaker, <i>Robotics in Cardiothoracic Surgery</i>	January 2002
CT Surgery Grand Rounds, VA Medical Center, LA Invited speaker, <i>Update on Minimally Invasive Cardiothoracic Surgery</i>	July 2001
Cardiology Grand Rounds, VA Medical Center, LA Invited speaker, <i>Robotics in Cardiothoracic Surgery</i>	February 2001
Minimally Invasive Surgery Center, Grand Rounds, Mount Sinai Medical Center, New York, NY Invited speaker, <i>Minimally Invasive Surgery (Robotically Assisted)</i>	December 2000
CT Surgery Grand Rounds, UCLA Medical Center, LA Invited speaker, <i>Robotics in Cardiothoracic Surgery</i>	October 2000
CT Surgery Grand Rounds, Kaiser Permanente Medical Center, LA Invited speaker, Robotics in Cardiothoracic Surgery	August 2000
General Surgery Grand Rounds, Mount Sinai Medical Center, New York, NY Invited speaker, <i>Update in Surgical Critical Care</i>	May 2000
General Surgery Grand Rounds— Video Presentation Mount Sinai Medical Center, NY Invited speaker, <i>Laparoscopic Drainage of Intraabdominal Abscesses</i>	March 2000
Course Instructor, Minimally Invasive Surgery Center – workshop Mount Sinai Medical Center New York, NY Invited speaker, <i>Advanced Laparoscopy Course</i>	February 2000
Course Instructor, Computer Motion Training Course, Santa Barbara, CA Invited speaker, Robotically Assisted Endo ACAB and IMA Harvesting	January 2000
General Surgery Grand Rounds, Elmhurst Hospital, Queens, N.Y. Invited speaker, <i>Update in Surgical Critical Care</i>	December 1999
General Surgery Grand Rounds, Englewood Hospital, Englewood, N.J.	November 1999

Invited speaker, Update in Minimally Invasive Surgery

Mount Sinai Medical Center, New York, NY
October 1999

Discussion Panel: Invited speaker, Controversies in Treatment of Esophageal CA

Mount Sinai Medical Center, New York, NY Invited Lecturer, Pediatrics Resident Conference: Invited speaker, *Tracheoesophageal Fistul*

March 1999

TV APPEARANCES

Romanian TVR International	Charity Projects in Cardiothoracic Surgery	April 12 2016
Romanian TVR1	"Life of a Cardiothoracic Surgeon"	Jan 15 2016
KNX News Radio	Updates in Cardiac Surgery	Jan 14 2011
All About You, KKGM	Cardiothoracic Surgery	Jan 2011
KFWB 980 AM	Cardiothoracic Surgery	Jan 2011
Romanian TV	"Life of a Cardiothoracic Surgeon"	Nov 2 2010
AM 830 K1AA	Radio Interview "Life of a Cardiothoracic Surgeon"	Sep 11 2010
Romanian TV	Live Cardiothoracic Case Presentation	Sep 9 2010
Channel 5 News	Heart Diseases in America	May 4 2010
Fox 11 News	Mitral Valve Surgery	Oct 6 2009
Pro TV Europe	Complications in CT surgery	Sep 3 2009
Reality TV Europe	Complications in CT surgery	Sep 3 2009
KTLA5 News	Cardiac Surgery / Anesthesia	Aug 28 2009
Pro TV Romania	Thoracic & CV Surgery	Jun 30 2009
Reuters Antenna 3 Europe	Thoracic & CV Surgery	Jun 28 2009
Reuters Antenna 1 Europe	Thoracic & CV Surgery	Jun 28 2009
Reuters CNN Europe	Thoracic & CV Surgery	Jun 27 2009
Time Warner TV Cable	"Life of a Cardiothoracic Surgeon"	May 2007
K-Bev TV, Los Angeles	"Decisions in Cardiothoracic Surgery"	Dec 2002

SPECIALTY ARTICLES

California Hospital Medical Center	September 2012

VATS / Thoracoscopic Lobectomy

The View / St Vincent Foundation September 2010

Spotlight on our new foundation board members

Valley Presbyterian Hospital Physicians Newsletter March 2009

VATS Lobectomy

Valley Presbyterian Hospital Physicians Newsletter October 2009

Minimally Invasive Thoracic Surgery

Valley Presbyterian Hospital Physicians Newsletter December 2009

Minimmally invasive surgical treatment of lung Cancer

Valley Presbyterian Hospital advertisement article

LA Daily News – Health Section	December 17 2009
LA Times – W Valley Health Section	December 21 2009
SFVBJ – ROP	December 21 2009
LA Daily News – Health Section	December 31 2009
LA Times – W Valley Health Section	December 21 2009