

CURRICULUM VITAE

DAVID J. COHEN, M.D.

Revised 29 October 2016

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San Antonio, TX 78248

I. PERSONAL DATA:

1. PLACE OF BIRTH: San Antonio, Texas
2. MARITAL STATUS: Married, wife Deborah
Children - Five

II. EDUCATION:

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| 1964 | | Douglas MacArthur High School
San Antonio, Texas |
| 1968 | B.A. (Biochemistry) | Rice University, Houston, Texas |
| 1972 | M.D. | Washington University
St. Louis, Missouri |
| 1999 | B.S. (Mech. Engineering)
summa cum laude | University of Texas at San Antonio |
| 2003 | M.P.A. | Harvard University, Kennedy School of
Government, Cambridge, MA |

III. POSTGRADUATE TRAINING:

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| 1972-1973 | Surgery Internship | Johns Hopkins Hospital, Baltimore
Maryland |
| 1973-1974 | Surgery Resident | Johns Hopkins Hospital, Baltimore
Maryland |
| 1976-1979 | Surgery Resident &
Chief Resident | University of Washington
Affiliated Hospitals, Seattle WA |

1979-1981	Cardiothoracic Surgery Resident	Hospital of the University of Pennsylvania, Philadelphia, PA
1993	Cardiac Transplant Fellow	Texas Heart Institute Houston, TX

IV. ACADEMIC APPOINTMENTS:

July 1979- June 1981	Instructor	Department of Surgery University of Pennsylvania
Jan. 1982- April 1983	Assistant Professor	Department of Surgery Uniformed Services University of the Health Sciences
April 1983- May 1985	Assistant Professor of Surgery (Affiliated)	Uniformed Services University of the Health Sciences
May 1985- Nov. 1992	Clinical Associate Professor of Surgery	Uniformed Services University of the Health Sciences
Nov 1992- Nov 2000	Clinical Professor of Surgery	Uniformed Services University of the Health Sciences
Nov 2000- Present	Adjunct Professor of Surgery	Uniformed Services University of the Health Sciences
Jan. 1984- Sept. 1984	Clinical Assistant Professor of Cardiothoracic Surgery	University of Texas Health Science Center at San Antonio
Sept. 1984- June 1987	Assistant Professor of Surgery	University of Wisconsin Madison, Wisconsin
June 1987- Jul 1992	Associate Professor of Cardiothoracic Surgery (with tenure)	University of Texas Health Science Center at San Antonio

Jul 1992- June 2006	Clinical Associate Professor of Cardiothoracic Surgery	University of Texas Health Science Center at San Antonio
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V. OTHER EMPLOYMENT:

a) **MILITARY:**

May 1968	Commissioned in USAR ROTC Distinguished Military Graduate	Rice University, Houston TX
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July 1974 June 1976	U.S. Army Flight Surgeon & Group Surgeon, 10th Special Forces Group (Airborne)	Fort Devens, MA
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June 1976- July 1981	U.S. Army Reserve	
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July 1981- Feb. 1983	Dept. of Cardiovascular Physiology, Division of Surgery	US Army, Walter Reed Army Institute of Research Walter Reed Army Medical Center, Washington, D.C.
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Feb. 1983- Sept. 1984	Cardiothoracic Surgery Service	U.S. Army, Brooke Army Medical Center, Fort Sam Houston, Texas
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Sept. 1984- Nov. 1990	U.S. Army Reserve	
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1989-1992	Commander 786th Medical Detachment (Surgical)	Fort Sam Houston, Texas
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Nov 1990- Aug. 1991	US Army Active Duty Operation Desert Shield/Desert Storm Commander, 786th Medical Detachment (Surgical) Saudi Arabia and Iraq	
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Aug. 1991- July 1992	U.S. Army Reserve
July 1992- July 1993	Active Duty, U.S. Army Assistant Chief, Cardiothoracic Surgery Service Brooke Army Medical Center, Ft. Sam Houston, Texas
July 1993- July 2002	Active Duty, U.S. Army Chief, Cardiothoracic Surgery Service Residency Program Director Chief, Cardiac Transplantation Brooke Army Medical Center, Ft. Sam Houston, Texas
May 1999- July 2002	Cardiovascular Surgery Consultant to the Surgeon General of the United States Army
July 2003- Oct 2004	Senior Clinical Consultant, Directorate for Combat Doctrine Development, Army Medical Department Center and School Ft. Sam Houston, TX
Oct 2003- Jan 2004	945 th Forward Surgical Team, Operation Iraqi Freedom, Iraq
Nov 2004- Feb 2005	Deputy Commander for Clinical Services, 86 th Combat Support Hospital, Ft. Campbell KY/ Baghdad Iraq
Feb 2005- June 2005	Senior Surgeon, 86 th Combat Support Hospital, Task Force South Tallil, Iraq
June 2005- May 31 2006	Cardiothoracic Surgery Service, Brooke Army Medical Center, Ft. Sam Houston, TX
June 1, 2006	Retired from Active Duty, U.S. Army
Feb 2009- Jan 2013	Commissioned as Colonel, Texas State Guard Chief Medical Officer, Alamo Medical Response Group
Jan 2014- Present	Promoted to Brigadier General, Texas State Guard Commander, Texas Medical Brigade, TXSG

b) CIVILIAN EMPLOYMENT

June 1, 2006- Private Practice of Cardiothoracic Surgery, San Antonio TX
Dec 31, 2015 President, Alamo Cardiothoracic Surgical Associates, P.A.

Jan 1, 2016- Comp Health Group, Locum Tenens in CT Surgery
Present

Jan 1, 2016- Staff Care, Locum Tenens in CT Surgery
Present

Aug 1, 2016- Wound Healing Associates, San Antonio TX
Present Part Time Hyperbaric Medicine and Wound Care

c) HOSPITAL APPOINTMENTS:

Aug. 1981- Division of Cardiothoracic Surgery
Feb. 1983 National Naval Medical Center
Bethesda, Maryland

Aug. 1981- Division of Cardiothoracic Surgery
Feb. 1983 Walter Reed Army Medical Center
Washington, D.C.

Feb. 1983- Cardiothoracic Surgery Service
Sept.1984 Brooke Army Medical Center
Fort Sam Houston, Texas

Sept.1984- University of Wisconsin Hospital
June 1987 Madison, Wisconsin

Sept.1984- William S. Middleton Veterans'
June 1987 Administration Hospital
Madison, Wisconsin
1986-1987 Chief, Thoracic Surgery Service

June 1987- Medical Center Hospital
July 1992 San Antonio, Texas

June 1987- Audie L. Murphy Memorial
July 1992 Veterans' Administration Hospital
San Antonio, Texas

Sept 1991- Chief, Cardiothoracic Surgery Service
 July 1992 Audie L. Murphy VA Hospital
 San Antonio, Texas

July 1988- Director, Surgical Intensive Unit
 July 1992 Audie L. Murphy VA Hospital
 San Antonio, Texas

July 1992- Brooke Army Medical Center
 May 2006 Ft. Sam Houston, Texas

Jan 15, 2002- Christus Santa Rosa Healthcare
 Feb 2, 2016 San Antonio, TX

Feb 19, 2004- Baptist Healthcare System
 Present San Antonio, TX

May 4, 2005- Nix Healthcare System
 Present San Antonio, TX

Sept 2003- Southwest General Hospital
 Present San Antonio, TX

Aug 18, 2004- Methodist Healthcare System
 Present San Antonio, TX

Aug 1, 2016- Warm Springs Rehabilitation Hospital
 Present San Antonio, TX

Feb 2012- Cardiothoracic Surgery Service Chief
 July 2012 Christus Santa Rosa Hospital—City Center
 San Antonio, TX

VI. CERTIFICATION AND LICENSURE:

a) CERTIFICATION:

National Board of Medical Examiners	1973	#125119
American Board of Surgery	1981	#27456
American Board of Thoracic Surgery	1983	#3959
American Board of Surgery	1989	#391

Certificate of Added Qualifications
in Surgical Critical Care

American Board of Surgery, Recertification	1991, 2000	#27456
American Board of Thoracic Surgery, Recertification	1992, 2001, 2012	#3959
Engineer-in Training, Texas Board of Professional Engineers	1999	#ET-28573

b) LICENSURE - MEDICINE:

1. Massachusetts--lapsed	1975	#37527	
2. Washington--lapsed	1977	#15751	
3. Pennsylvania--active	1979	#MD022531E	expires 12/31/2018
4. Maryland--lapsed	1981	#D27483	
5. Wisconsin--active	1984	#26365	expires 10/31/2017
6. Texas--active	1987	#H3008	expires 02/28/2018
7. Colorado--lapsed	2003	#41966	
8. Montana--active	2010	#12255	expires 03/31/2018
9. Louisiana—active	2013	#MD.205943	expires 01/13/2017
10. North Dakota—active	2016	#13955	expires 01/13/2017

c) OTHER CERTIFICATIONS:

American Heart Association Basic Life Support	expires Aug 20, 2017
American Heart Association Advanced Cardiac Life Support	expires Aug 20, 2017
American College of Surgeons Advanced Trauma Life Support	exp. Sep 27, 2017

VII. MILITARY EDUCATION:

Army Medical Dept. Officer Basic Course	1974
Airborne Course	1974
Army Aviation Medicine Basic Course	1975
Basic Diving Course	1975
Special Forces Qualifying Course	1975
Combat Casualty Care Course (AMEDD)	1992
Medical Management of Chemical Casualties	1992
Army Medical Department Reserve Component Officer Advanced Course	1993

Combat Casualty Management Course	1995
U.S. Army Command and General Staff College	2001
U.S. Army Logistics Management College	
Combat Developments Course	2004

VIII. ORGANIZATIONS:

a) PROFESSIONAL AND SCIENTIFIC ORGANIZATIONS AND SOCIETIES:

- *1984 Fellow of the American College of Surgeons
- +*1984 Fellow of the American College of Cardiology
- +*1984 Fellow of the American College of Chest Physicians
- +*1988 Fellow of the American College of Angiology
- *1990 American Association for Thoracic Surgery
- *1985 Society of Thoracic Surgeons
- +*1997 Southern Thoracic Surgical Association
- +*1987 Society of University Surgeons
- +*1980 Association for Academic Surgery
- +*1993 Thoracic Surgery Directors Association
- +*1994 International Society for Heart and Lung Transplantation
- +*1995 Texas Transplant Society
- +*1989 Society of Critical Care Medicine
- +*1987 American Society for Artificial Internal Organs
- +*1988 International Society of Cardiovascular Surgery,
North American Chapter
- +*1988 Academy of Surgical Research
- +*1989 Southwestern Surgical Congress
- 1982 Association of Military Surgeons of the U.S.
- +1984 Uniformed Services University Surgical Associates
- 1975 Society of U.S. Army Flight Surgeons (Life Member)
- +1984 San Antonio Surgical Society
- 1984 San Antonio Cardiology Society
- +*1985 Madison Surgical Society
- +1986 Wisconsin Thoracic Society
- +1998 American Medical Association
- 1988 Texas Medical Association
- 1988 Bexar County (Texas) Medical Society
- +*1990 Aust Surgical Society
- +1996 American Society of Heating, Refrigeration, and Air-conditioning
Engineers, student member

- +1998 American Society of Mechanical Engineers, student member
- *1998 Tau Beta Pi Engineering Honor Society, University of Texas at San Antonio
- +2000 American Society of Mechanical Engineers, associate member
- +*2002 Society of Medical Consultants to the Armed Forces, associate member
- *require election or examination for membership
- +inactive

b) PAST AND CURRENT POSITIONS AND/OR OFFICES HELD IN
PROFESSIONAL ORGANIZATIONS:

- 1986-1987 Association for Academic Surgery - Nominating
Committee (an elected office)
- 1994-2002 Board of Directors, Texas Organ Sharing Alliance
- 1994-2002 Medical Advisory Committee, Texas Organ Sharing Alliance
- 1997-1998 Secretary-Treasurer, San Antonio Cardiology Society
- 1998-1999 President, San Antonio Cardiology Society
- 1998-1999 Vice Chair, University of Texas at San Antonio Engineering Honor
Society

c) OTHER PROFESSIONAL ACTIVITIES:

- 1986-1987 American Heart Association Wisconsin Affiliate
Research Grant Review Committee
- 1986-1987 American College of Surgeons Advanced Trauma Life
Support State Faculty - (Wisconsin)
- 1993-2002 Scientific Advisory Committee, Texas Organ Sharing Alliance
- 2000-2009 University of Texas at San Antonio College of Engineering Advisory
Council
- 2007-Present Bexar County Medical Society Emergency Preparedness Committee
- 2015-Present Chairman Bexar Cty. Med. Soc. Emergency Preparedness Committee
- 2009-2013 Center for Advanced Bioengineering for Soldier Survivability, Georgia

Institute of Technology—Advisory Board Member

d) COMMUNITY ACTIVITIES:

- 1988-2006 Boy Scouts of America: Webelos Den Leader, Troop Committee Member, Assistant Scout Master
- 2006-2014 Boy Scouts of America National Health and Safety Committee -- Member
- 2014-2016 Boy Scouts of America National Health and Safety Committee -- Advisor
- 2014-present Boy Scouts of America National Health and Safety Committee -- Member
- 2008--2010 Deputy Chief Medical Officer for External Affairs, 2010 BSA National Jamboree
- 2013 Chief, External Hospital Interface, 2013 BSA National Jamboree
- 2010--2012 Executive Board, Southern Region, Boy Scouts of America
- 2006--2011 Rotary Club of San Antonio
- 2008 Regional Chairman, Healthcare Professionals for John McCain, McCain Presidential Campaign
- 2009 Bexar County Co-Chairman, Kay Bailey Hutchison Campaign for Governor of the State of Texas

IX. HONORS AND AWARDS:

Eagle Scout

Henry Harkins Society, 1978

Who's Who Among Students in American Colleges and Universities, 1968 and 1999

Who's Who in the World: 1998, 15th edition; 2000, 17th "Millennium" edition; 2002, 19th edition; 2003, 20th edition; 2004, 21st edition; 2005, 22nd edition; 2006, 23rd edition; 2007, 24th edition; 2008, 25th edition; 2009, 26th edition.

Who's Who in America: 1998, 52nd edition; 1999, 53rd edition; 2000, 54th edition;

2001, 55th edition; 2002, 56th edition; 2003, 57th edition; 2004, 58th edition; 2005, 59th edition; 2008, 62nd edition; 2009, 63rd edition; 2015, 69th edition.
Who's Who in the South and Southwest: 1999-2000, 26th edition
Who's Who in Medicine and Healthcare: 1997-1998, 1st edition; 1999-2000, 2nd edition; 2000-2001, 3rd "Millennium" edition; 2002-2003, 4th edition; 2004-2005, 5th edition; 2006-2007, 6th edition; 2009-20010, 7th edition. 2011-2012, 8th edition.
Who's Who in Science and Engineering: 1998-1999, 4th edition; 2002-2003, 6th edition; 2005-2006, 8th edition.
Kipling's Who's Who in Leading Business Professionals, 2010 edition
Strathmore's Who's Who Millennium Edition, 2000-2001
Golden Key National Honor Society, 1997
University of Texas at San Antonio Engineering Honor Society, 1998
National Deans List, 1996-97, 20th edition; 1998-1999, 22nd edition
United States Achievement Academy National Collegiate Engineering Award, 1998
United States Achievement Academy Academic All American Scholar, 1998
Outstanding (Former) Graduate, Northeast Independent School District, San Antonio, TX, November 13, 2000
Tau Beta Pi National Engineering Honor Society, 2002
Alley-Sheridan Scholar-in-Residence, Thoracic Surgery Foundation for Research & Education, 2002-2003
Texas Super Doctors 2011, 2012, 2013 by Texas Monthly Magazine

X. MILITARY HONORS AND AWARDS

Distinguished Graduate, U.S. Army Flight Surgeons School,
Ft. Rucker, Alabama, 1975
"A" Skill Designator for Professional and Academic Achievement
Order of Military Medical Merit
Legion of Merit
Bronze Star Medal - Operation Desert Storm 1991
Meritorious Service Medal with 3 Oakleaf Clusters
Army Commendation Medal with 5 Oakleaf Clusters
Army Achievement Medal
Army Reserve Components Achievement Medal w/ 1 Oakleaf Cluster
National Defense Service Medal with 2 Bronze Service Star
Southwest Asia Service Medal with 3 Bronze Service Stars
Global War on Terror Expeditionary Medal
Global War on Terror Service Medal
Iraq Campaign Medal
Military Outstanding Volunteer Service Medal

Armed Forces Reserve Medal with Gold Hourglass Device and "M" Device
Army Service Ribbon
Kuwait Liberation Medal (Kingdom of Saudi Arabia)
Kuwait Liberation Medal (Government of Kuwait)
Meritorious Unit Commendation
Army Superior Unit Award
Parachute Badge
Special Forces Tab
Scuba Diver Badge
Expert Field Medical Badge
Aviation Medical Officer Basic Badge
Military Emergency Management Specialist (Basic and Senior)
Texas Medal of Merit
Texas Faithful Service Medal
Organizational Excellence Ribbon

XI. BIBLIOGRAPHY:

1) BOOKS AND/OR CHAPTERS:

1. Benjamin SB, Cohen D, Graeber G, Castell DO: Mechanisms of Action of the Angelchik Antireflux Prosthesis. In: DeMeester TR and Skinner DB, eds., *Esophageal Disorders: Pathology and Therapy*, New York: Raven Press, 1985, pp. 45-51.
2. Cohen DJ: Laboratory Evaluation of the Angelchik Prosthesis. In: J Starling, ed., *Reflux Esophagitis and the Angelchik Prosthesis*, New York: Elsevier Science Publishing Company, 1987, pp. 161-170.

2) PAPERS PUBLISHED OR IN PRESS:

1. Kalter SS, Engster AK, Albert PJ, Cohen DJ: Enzyme Studies in the Embryonate Egg and in Tissue Culture Following Inoculation with Different Viruses. *Archiv Fur Die Gesamte Virus Forschung* 20:180-189, 1967.
2. Cohen DJ, Jones RF, Engrave LH: Sepsis of the Cheek Over a Subcutaneous Forehead Flap. *Journal of Plastic and Reconstructive Surgery* 65:347-349, 1980.
3. Cohen DJ, Johansen K, Cottingham K, Simonowitz DA, Clayson K: Trauma to Major Visceral Veins: An Underemphasized Cause of Accident Mortality. *J Trauma* 20:928-932, 1980.

4. Cohen DJ, Schoolnik ML: Sur-A-Grams: Herniation Through the Foramen of Winslow. *Am Surg* 46:535, 1980.
5. Johansen K, Voci V, Cohen D, Fleet WP: Acute Bilateral Renal Artery Occlusion. Revascularization with the Splenic Artery. *Arch Surg* 116:1232-1235, 1981.
6. Cohen DJ: Lung Abscess, Back for an Encore? *Postgrad Med* 72:(1) 215-222, 1982.
7. Cohen DJ: Timely Therapy for Empyema, What it Constitutes and Why. *Postgrad Med* 72:(3) 157-167, 1982.
8. Cohen DJ, Stephenson LW: Malignant Tracheo-Esophageal Fistula in Two Siblings - a Coincidence? *Cancer* 50:2223-2225, 1982.
9. Cohen DJ, Likoff M, Kishel J, Harken AH: Risk of Prosthetic Thrombosis with a Porcine Heterograft Valve in the Aortic Position. *Milit Med* 147:1056-1058, 1982.
10. Cohen DJ, Schoolnik ML: Herniation Through the Foramen of Winslow. *Dis Colon Rectum* 25:820-822, 1982.
11. Fleming AW, Cohen DJ: Appraisal of a Quantitative Technique for Measuring Extravascular Lung Water In Vivo. Walter Reed Army Institute of Research Annual Program Report, 1 October 1982, pp. 479-485.
12. Cohen DJ, Baumgart S, Stephenson LW: Pneumopericardium in Neonates - Is it PEEP or is it PIP? *Ann Thorac Surg* 35:179-183, 1983.
13. Graeber GM, Grishkin BA, Cohen DJ, Zajtchuk R: A Technique for Successful Replacement of the Esophagus with an Interposed Substernal Colon Segment. *Contemporary Surgery* 23:17-26, 1983.
14. Palatianos GM, Edmunds LH, Cohen DJ, Stephenson LW: Extracorporeal Left Ventricular Assistance with Prostacycline and Heparinized Centrifugal Pump. *Ann Thorac Surg* 35:504-515, 1983.
15. Cohen DJ, Foley RW, Ryan JM: Intraoperative Coronary Artery Spasm Successfully Treated with Nitroglycerine and Nifedipine. *Ann Thorac Surg* 36:97-100, 1983.
16. Zaloga GP, Chernow B, Hughs P, Rainey TG, Lake CR, Cohen DJ: Differential Hemodynamic Response to Vasodilators in a Patient with Pulmonary Hypertension. *Milit Med* 148:426-429, 1983.

17. Graeber GM, Cafferty PJ, Wolf RE, Cohen DJ, Zajtchuk R: Concentrations of Creatinine Kinase and Lactic Dehydrogenase in the Muscles Encountered During Median Sternotomy and in the Walls of the Cardiac Chambers. *Surg Forum* 34:337-339, 1983.
18. Shuck JW, Cohen IS, Cohen DJ, Lough F: Iatrogenic Coronary Artery Aneurysm Complicating Bypass Tract Surgery. *Am J Cardiol* 53:344-345, 1984.
19. Graeber GM, Thompson LD, Cohen DJ, Ronnigen LD, Jaffin J, Zajtchuk R: Cystic Lesions of the Thymus: An Occasionally Malignant Cervical and/or Anterior Mediastinal Mass. *J Thorac Cardiovasc Surg* 87:295-300, 1984.
20. Cohen DJ, Ronningen LD, Graeber GM, Deshong JL, Jaffin J, Burge JR, Zajtchuk R: Management of Patients with Malignant Thymoma. *J Thorac Cardiovasc Surg* 87:301-307, 1984.
21. Benjamin SB, Kerr R, Cohen D, Motaparthy V, Castell DO: Complications of the Angelchik Antireflux Prosthesis. *Ann Intern Med* 100:570-575, 1984.
22. Graeber GM, Cafferty PJ, Wolf RE, Cohen DJ, Zajtchuk R: Creatine Kinase and Lactic Dehydrogenase in the Muscles Encountered During Median Sternotomy and in the Myocardium of the Cardiac Chambers. *J Thorac Cardiovasc Surg* 89: 700-705, 1985.
23. Graeber GM, Cohen DJ, Patrick DA, Wolf RE, Hotard MC, Zajtchuk R: Rib Fracture Healing in Experimental Flail Chest. *J Trauma* 25:903-908, 1985.
24. Cohen DJ, Benjamin SB, Graeber GM, Castell DO, Patrick DH, Cordova C, Dachman A, Friedman A: Evaluation of the Angelchik Antireflux Prosthesis Using a Model for Esophageal Reflux in Rhesus Monkeys. *Ann Thorac Surg* 41:135-142, 1986.
25. Cohen DJ: Thymoma - The Most Common Anterior Mediastinal Mass. *Postgrad Med* 79:161-168, 1986.
26. Cohen DJ, Starling JR: Surgery for Reflux Esophagitis: Experience with the Antireflux Prosthesis. *AORN Journal* 43:858-864, 1986.
27. Baker JR Jr, Cohen DJ, Head HD, DeShong JR, Graeber GM: Development of Circulating Antiheart Antibodies as a Result of Coronary Bypass Surgery. *Ann Thorac Surg* 41:507-510, 1986.
28. Cohen DJ, Basamania C, Graeber GM, DeShong JL, Burge JR: Results of Coronary Artery Bypass Grafting in Young Patients under 36 Years of Age. *Chest* 89:811-816, 1986.

29. Graeber GM, Wolf RE, Wong RK, Cohen DJ, Grishkin BA, Johnson LJ, Zajtchuk R: Isoenzyme Levels of Creatine Kinase (CK) and Lactic Dehydrogenase (LD) in Patients After Esophageal Dilatation, Major Esophageal Surgery, and Acute Myocardial Infarction. *Ann Thorac Surg* 43:279-284, 1987.
30. Cohen DJ: Intrabronchial Lipoma: Management of an Unusual Tumor. *Contemp Surg* 30:13-16, 1987.
31. Kress DC, Cohen DJ, Swanson DK, Hegge JO, Young JW, Watson KM, Rasmussen PW, Berkoff HA: Pump-Induced Hemolysis in a Rabbit Model of Neonatal ECMO. *Trans Am Soc Artif Intern Organs* 33:446-452, 1987.
32. Cohen DJ, Chopra PS: The Blalock-Hanlon Operation - An Anachronism? *Ann Thorac Surg* 44:407-410, 1987.
33. Kress DC, Kroncke GM, Chopra PS, Cohen DJ, Rasmussen PW, Nichols RD, Beatty ES, Berkoff HA: Comparison of Survival in Cardiac Surgery at a Veterans Administration and Its Affiliated University Hospital. *Arch Surg* 123:439-443, 1988.
34. Cohen DJ, Myerowitz PD, Young WP, Chopra PS, Berkoff HA: The Fate of Aortic Valve Homografts Twelve to Seventeen Years after Implantation. *Chest* 93:482-484, 1988.
35. Robison PD, Grover FL, Freeman G, Crawford MH, Stewart D, Trimble K, Cohen DJ, Trinkle JK: Correction of Moderate Mitral Regurgitation Does Not Decrease Left Ventricular Contractility. *Surg Forum* 39:264, 1988.
36. Cohen DJ, Cline JR, Lepinski SM, Bowman HM, Ireland K: Resuscitation of the Hypothermic Patient. *American Journal Emergency Medicine* 6:475-478, 1988.
37. Cohen DJ, Briggs R, Head HD, Acher CW: Phlegmasia Cerulea Dolens and its Association with Hypercoagulable States. *Angiology* 40:498-508, 1989.
38. Cohen DJ, Kress DC, Swanson DK, DeBoer LW, Berkoff HA: The Effect of Cannulation Site on the Primary Determinants of Myocardial Oxygen Consumption During Left Heart Bypass. *J Surg Res* 47:159-165, 1989.
39. Cohen DJ, Verma AK: Ornithine Decarboxylase Activity as a Biochemical Marker in Individuals Predisposed to Lung Cancer. *J of Invest Surg* 2:103-106, 1989.
40. Runge TM, Grover FL, Cohen DJ, Bohls FO, Ottmers SE: Preload Responsive Pulsatile Flow Externally Valved Pump: Cardiopulmonary Bypass. *J Invest Surg* 2:269-279, 1989.

41. Bryan CL, Jenkinson SG, Cohen DJ: Single-lung Autotransplantation Induces Glutathione and Glutathione Peroxidase Activity Following Reimplantation. *The Physiologist* 32(4):199, 1989.
42. Lum CT, Muirhead DY, Davis JR, Trinkle JK, Nichols LA, Grover FL, Cohen DJ, Mulrow JP, Montiel MM, Ghidoni JJ, Sharkey FE, Cronin TA, Calhoon JH, Aust JB: Correlation Between Peripheral Blood Flowcytometry, Intracardiac Cellular Infiltrate, and Early Rejection in Cardiac Transplant Recipients. *Proceedings Int Soc Cardiovasc Biol* 1:175-180, 1989.
43. Kress DC, Pasaoglu I, Cohen DJ, Swanson DK: Myocardial Metabolism During Fixed Rate Pulsatile Left Ventricular Bypass. *J of Invest Surg* 3:235-243, 1990.
44. Meurer MF, Cohen DJ: Current Treatment of Chylothorax: A Case Series and Literature Review. *Tex Med* 86(8):82-85, 1990.
45. Taylor RL, Cohen DJ, Widman LE, Chilton RJ, O'Rourke RA: Infection of an Implantable Cardioverter Defibrillator: Management Without Removal of the Device in Selected Cases. *Pace* 13:1352-1355, 1990.
46. Ha KG, Cohen DJ: From Plague and Tuberculosis to AIDS: A Reflection on the Medical Profession. *Tex Med* 87:70-75, 1991.
47. Runge TM, Grover FL, Cohen DJ, Bohls FO, Ottmers SE, Saadatmanesh V: Comparison of a Steady Flow Pump to a Preload Responsive Pulsatile Pump in Left Atrial-to-Aorta Bypass in Canines. *Artif Organs* 15(1):35-41, 1991.
48. Bryan CL, Cohen DJ, Gibbons WJ, Levine SM, Calhoon JH, Trinkle JK, Jenkinson SG: Lung Transplantation. The Reimplantation Response: *Crit Care Report* 2:217-227, 1991.
49. Cohen DJ, Genecov DG, Clem MF, Luther M, Hamel JD, Begia BC, Sangalli M, Evans K, Flores J, Bunegin M, Grover FL, Graeber GM: Effect of Synchronous and Asynchronous Flow During Left, Right and Biventricular Bypass. *ASAIO Transactions* 37:M363-364, 1991.
50. Bryan CL, Cohen DJ, Dew JA, Trinkle JK, Jenkinson SG: Glutathione Decreases the Pulmonary Reimplantation Response in Canine Lung Autotransplants. *Chest* 100:1694-1702, 1991.
51. Cohen DJ, Norris LP, Montemayor IE, O'Rourke RA, Zabalgoitia M: Systolic Anterior Motion of the Chordal Apparatus after Mitral Ring Insertion. *American Heart Journal*

124:666-670, 1992.

52. Runge TM, Cohen DJ, Hantler CB, Bohls FO, Ottmers SE, Briceno JC: Achievement of Physiologic Pulsatile Flow in Cardiopulmonary Bypass with a 24 FR Cannula. *ASAIO Transactions* 38:M726-729, 1992.
53. Cohen DJ, Clem MF, Luther M, Genecov DG, Hamel JD, Begia BC, Sangalli M, Evans K, Flores J, Bunegin M, Graeber G, Grover FL: Effect of Synchronous and Asynchronous Pulsatile Flow During Left, Right, and Biventricular Bypass. *Artificial Organs* 16(6): 614-622, 1992.
54. King LG, Cohen DJ: Epiphrenic Diverticulum: Current Concepts and Management. *Contemporary Surgery for Residents* 1(2):14-19, May-June 1993.
55. Girdley FM, Cohen DJ, Birnbaum ML, Bowman M,: Advanced Trauma Life Support - Assessment of Cognitive Achievement. *Military Medicine* 158:623-627, 1993.
56. Grover FL, Cohen DJ, Oprian C, Henderson WG, Sethi GK, Hammermeister KE: Determinants of the Occurrence of and Survival from Prosthetic Valve Endocarditis -- Experience of the Veterans Affairs Cooperative Study on Valvular Heart Disease. *J Thorac Cardiovasc Surg* 108:207-214, 1994.
57. Parrish JM, Page PA, Cohen D, Nyreen MR, Kingsley CP, Chronister T, Shesol BF, Drew R: Techniques for Prebypass Pheresis and Red Cell Exchange in a Patient with Homozygous SS Sickle Cell Disease Undergoing Cardiopulmonary Bypass: A Case Report. *Journal of Extracorporeal Technology* 26:143-151, 1994.
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59. Lisagor P, Cohen D, McDonnell B, Lawlor D, Moore C: Irreversible Shock Revisited: Mechanical Support of the Cardiovascular System, A Case Report and Review. *J of Trauma* 42:1182-1186, 1997.
60. Cancio LC, Cohen DJ: Heparin-Induced Thrombocytopenia and Thrombosis, Collective Review. *J. Am Coll. Surg.* 186:76-91, 1998.
61. Morris MJ, Anders GT, Cohen DJ: Management of Recurrent Broncholithiasis Using the ND-YAG Laser. *Journal of Bronchology* 6:25-28, 1999.

62. Wilson MJ, Boyd SYN, Lisagor PG, Rubal B, Cohen DJ: Ascending Aortic Atheroma Assessed Intraoperatively by Epiaortic and Transesophageal Echocardiography. *Ann. Thor. Surgery* 70:25-30, 2000.
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65. Tripp HF, Obney JA, Febinger DL, Lisagor PG, Cohen DJ: Is Phrenic Nerve Dysfunction Following Cardiac Surgery related to Internal Mammary Harvesting? *J. Card. Surg* 16:228-231, 2001.
66. Cohen DJ, Griffin LV: A Biomechanical Comparison of Three Sternotomy Closure Techniques. *Ann. Thor. Surgery* 73:563-568, 2002.
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69. Repine TB, Lisagor P, Cohen DJ: The Dynamics and Ethics of Triage: Rationing Care in Hard Times. *Military Medicine* 170:505-509, 2005.
70. Cohen DJ, Lisagor P: Medical Errors—Is Total Quality Management for the Battlefield Desirable? *Military Medicine* 170:915-918, 2005.
71. Cohen DJ: Lessons Learned—After Action Report on Deployment to Iraq: Role of the Combat Support Hospital. *The Medical Soldier's Outlook* 21 (No. 4, winter):3-6, 2004.
72. Cohen DJ: Cardiothoracic Surgery at a Crossroads: The impact of disruptive technologic change. *Journal of Cardiothoracic Surgery* 2:35, 2007 (8 August 2007).
73. Wangsgard C, Cohen DJ, Griffin LV: Fatigue testing of three peristernal median sternotomy closure techniques. *Journal of Cardiothoracic Surgery* 3:52, 2008 (24 Sep 2008).

3) PUBLISHED ABSTRACTS:

1. Baumgart S, Cohen DJ, Borian F, Stephenson LW: Peak Inflation Pressure vs. Positive End Expiratory Pressure in Pneumopericardium with RDS. *Pediatr Res* 16:277A, 1982.
2. Benjamin S, Cohen D, Graeber G, Cordova C, Castell DO: The Angelchik Antireflux Prosthesis: Comparison of Effectiveness in Surgically Induced Gastroesophageal Reflux. *Gastroenterology* 84:1103, 1983.
3. Benjamin SB, Motaparthy V, Cohen D, Kerr R, Castell DO: Complications of the Angelchik Antireflux Procedure (AAP): Something Old, Something New. *Gastroenterology* 84:1103, 1983.
4. Cohen DJ, Basamania CJ, Graeber GM, DeShong JL, Burge JR, Zajtchuk R: Results of Coronary Artery Bypass Grafting in Young Patients. *Chest* 88:48S, 1985.
5. Kress DC, Cohen DJ, Swanson DK, Hegge JO, Young JW, Watson KM, Rasmussen PW, Berkoff HA: Pump-Induced Hemolysis in A Rabbit Model of Neonatal ECMO. *ASAIO Abstracts*, Vol. 16, 1987.
6. Cohen DJ, Basamania C, Graeber GM, DeShong J, Burge JR: Coronary Artery Bypass Grafting in Young Patients Under 36 Years of Age. *Cardiology Digest* 3:15-16, 1987.
7. Cohen DJ, Basamania C, Graeber GM, DeShong JL, Burge JR: Coronary Artery Bypass Grafting in Young Patients Under 36 Years of Age. *Geriatrics Digest* 3:23-24, 1987.
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9. Kress DC, Cohen DJ, Swanson DK, DeBoer LW, Berkoff HA: Effect of Cannulation Site on the Primary Determinants of Myocardial Oxygen Consumption During Left Heart Bypass. *Current Surgery* 45:303-307, 1988.
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11. Kress DC, Pasaoglu I, Cohen DJ, Swanson DK: The Effect of Asynchronous Pulsatile Left Ventricular Bypass on Myocardial Metabolism. *ASAIO Abstracts* 17:6, 1988.
12. Runge TM, Grover FL, Cohen DJ: New Concept Pre-Load Responsive Pulsatile Flow Externally Valved Pump for Cardiopulmonary Bypass. *J Invest Surg* 1:216, 1988.

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21. Cohen DJ, Walling A, Richards K, Montemayor I, Presti C, Crawford M, O'Rourke R: Mitral Apparatus Systolic Anterior Motion Following Ring Annuloplasty: A Benign Condition. *Chest* 98:40S, 1990.
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Assist. ASAIO Abstracts 20:36, 1991.

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27. Cohen DJ, Iakovidis P, Brooks B, Swain L, Everett MM, Boyan BD: Association of a Calcifiable Proteolipid with Human Bicuspid Aortic Valve Calcification. Circulation (Suppl. I) 86:I-850,1992.
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29. Briceno JC, Runge T, Cohen DJ, Murk SE, Ottmers SE: Design and Testing of a System for Monitoring Brain Metabolism During Experimental Pulsatile and Non-Pulsatile Cardiopulmonary Bypass. ASAIO Abstracts 22:60, 1993.
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31. Briceno JC, Runge TM, Cohen DJ, Murk SE, Ottmers SE: Monitoring of Blood Gases During Prolonged Experimental Cardiopulmonary Bypass and Their Relationship with Brain pH, PO₂, and PCO₂. ASAIO Abstracts 23:56, 1994.
32. Ghidoni JJ, Cohen DJ, Iakovides P, Boyan BD, Everett MM: Calcific Aortic Stenosis and Calcifying Oral Bacteria. Modern Pathology 8:32A, 1995.
33. McDonnell BE, Lisagor PG, Cohen DJ: Anomalous Right Main Coronary Artery Originating From the Left Sinus of Valsalva. Chest 110: 107S, 1996.
34. Ward JA, Dubick MA, Lawlor DF, Lisagor P, Cancelada D, Goodwin CW, Cohen DJ:

Swine Model of Hemorrhagic Shock. *FASEB J* 13 (5):A755, 1999.

35. Ward JA, Dubick MA, Lisagor P, Lawlor DF, Cancelada D, Obney J, Alexander SL, Ham CY, Goodwin CW, Cohen D: Blood Gas Measurements in a Swine Model of Hemorrhagic Shock. *FASEB J* 14:A690, 2000.
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37. Cohen DJ, Griffin LV: A Biomechanical Comparison of Three Sternotomy Closure Techniques. In Kamm RD, Schmid-Schonbein GW, Ateshian GA, Hefzy MS, eds., *Proceedings of the 2001 Bioengineering Conference, BED—Vol 50*, American Society of Mechanical Engineers, New York, NY, 2001, p. 511.

4) REVIEW, EDITORIALS:

1. Cohen DJ: Editorial - Disappointing Results of Coronary Artery Bypass Graft Surgery in Young Patients. *Chest* 94:1124-1125, 1988.
2. Cohen DJ: Editorial - Old Diagnostic Friends Revisited, An Evaluation of Cardiac Enzymes. *Chest* 97:519-520, 1990.
3. Cohen DJ: Invited Commentary: Validation of a bone analog model for studies of sternal closure. *Annals of Thoracic Surgery* 74:745, 2002.

5) LETTERS TO THE EDITOR:

Cohen DJ: Letter to the Editor -Reply to Letter from Drs. Lytle and Loop Regarding “Coronary Artery Bypass in Young Adults.” *Chest* 91:219-292, 1987.

Cohen DJ, Griffin LV: Letter to the Editor-Reply to Letter from Drs. Losanoff, Richman and Jones Regarding “Which is the Best Sternotomy Closure Technique?” *Annals of Thoracic Surgery* 75: 1065-1066, 2003

Cohen DJ, Griffin LV: Letter to the Editor-Reply to Letter from Drs. Casha and Gauci Regarding “Mechanical Comparison of Three Sternotomy Closure Techniques Using a Polyurethane Foam Sternal Model” *Annals of Thoracic Surgery* 75: 2009-2010, 2003.

XII. INVITED LECTURES:

Texas Tech University School of Medicine, Lubbock, Texas, April 1981. "Surgical Management of Ventricular Tachycardia".

University of Pennsylvania Trauma Symposium, Philadelphia, Pa., Nov 5-7, 1982. "Empyema".

Academy of Health Sciences Television Network, Feb. 27, 1984. "Surgery for Carcinoma of the Esophagus".

National Heart, Lung and Blood Institute, Bethesda, Maryland, May 14, 1984. "Results of Coronary Artery Bypass in Young Patients".

Third Annual USUHS Cardiothoracic Surgery Symposium, Bethesda, Maryland, October 3-5, 1984. "Thymoma."

Conference on a Medical and Surgical Review of Reflux Esophagitis and the Anglechik Prosthesis, Madison, Wisconsin, June 14-15, 1985. "Laboratory Evaluation of the Anglechik Prosthesis".

Mercy Hospital, Janesville, Wisconsin, November 9, 1985 "Thoracic Trauma".

Wisconsin Society of Perinatologists, Madison, Wisconsin, November 14, 1986. "Neonatal ECMO," included a laboratory demonstration.

"A Summertime Blues" - Seminar on Summer Injuries and Heat-Related Illness, Madison, Wisconsin, April 16, 1986. "Assessment and Initial Treatment of Chest and Abdominal Trauma".

Merck, Sharpe, and Dohme Research Laboratories, West Point, Pennsylvania, December 19, 1986. "Laboratory Models for Esophageal Reflux".

Stapling Update for General and Thoracic Surgery, University of Texas Health Science Center at San Antonio, October 8, 1988. "Staples in the Chest".

San Pablo Medical Center and San Pablo Heart Institute, 12th Anniversary Scientific Program - Seminar in Cardiology, Cardiovascular Surgery and Intensive Care Medicine, Bayamon, Puerto Rico. October 28-30, 1988. "Mitral Valve Repair Surgery" and "Heart Transplantation".

Southwest Missouri Chapter, American College of Surgeons Annual Clinical Refresher Course, University of Texas Health Science Center at San Antonio, March 3, 1989. "Mitral

Valve Repair".

American Heart Association, San Antonio Division, Cardiovascular Nursing Task Force, San Antonio, Texas. February 17, 1990. "Automatic Implantable Cardioverter Defibrillators -- Implantation Procedure and Testing".

American Heart Association, San Antonio Division, Cardiovascular Nursing Task Force, San Antonio, Texas. September 8, 1990. "Mitral Valve Repair".

Society of Thoracic Surgeons, 25th Postgraduate Program, Orlando, FL, February 2, 1992. Luncheon Address. "Military Preparations for Managing Thoracic and Cardiovascular Trauma in International Conflicts."

Texas Association of Cardiovascular and Pulmonary Rehabilitation, 3rd Annual Conference, San Antonio, TX, April 3, 1993. "Rehab: The Patient's Perspective".

Association of Military Surgeons of the United States, 101st Annual Meeting, Orlando, FL, November 14, 1994. "Combat Casualty Care: What's New and Battlefield Applicable-- Management of Vascular Trauma".

First Annual 1995 Trauma Symposium, Office of the Surgeon General, United States Army, San Antonio, TX, September 13-15, 1995. "Empyema".

U.S. Army Institute of Surgical Research, 50th Anniversary Symposium, San Antonio TX, October 30-November 2, 1997. "E.C.M.O. for Respiratory Failure".

San Antonio Chamber of Commerce, Technology Council, San Antonio, TX, January 11, 2001. "Graduate Education in Bioengineering as a Technology Accelerator for San Antonio".

Association of the United States Army Medical Symposium and Exhibition, San Antonio, TX May 17, 2004. "Army and Army Medical Department Transformation".

Southwest Texas Regional Advisory Council 2016 Regional Emergency Healthcare Systems Conference, San Antonio TX. April 29, 2016. "Texas Military Forces Response to Disasters".

XIII. SCIENTIFIC POSTERS AND FILMS:

1. American College of Surgeons Clinical Congress, Chicago, October 24-29, 1982. Poster: "Different Techniques for Replacing the Esophagus with Interposed Colon". Brent A.

Grishkin, MD, LTC MC USA, Geoffrey M. Graeber, MD, LTC MC, USA, David J. Cohen, MD, MAJ MC USA, Fredrick C. Lough, MD, LTC MC USA, Rostik Zajtchuk, MD, COL MC USA.

2. American College of Surgeons Clinical Congress, Atlanta, October 17-20, 1983. Poster: "Scimitar Syndrome - Anatomy and Surgical Techniques." James B. Peake, MD, COL MC USA, David J. Cohen, MD, MAJ MC USA, George F. Schuchmann, MD, COL MC USA (Ret), Geoffrey M. Graeber, MD, LTC MC USA, Greg A. Bowman, MD, MAJ MC USA.
3. American College of Cardiology, 33rd Annual Scientific Session, Dallas, Texas, March 35-29, 1984. Poster: "Scimitar Syndrome - Anatomy and Surgical Techniques." James B. Peake, MD, COL MC USA, David J. Cohen, MD, MAJ MC USA, George F. Schuchmann, MD, COL MC USA (Ret), Greg A. Bowman, MD, MAJ MC USA, Geoffrey M. Graeber, MD, LTC MC USA.
4. American Society for Artificial Internal Organs 33rd Annual Meeting, New York, New York, May 18-21, 1987. Poster: "Pump Induced Hemolysis in a Rabbit Model of Neonatal ECMO" David C. Kress, MD, David J. Cohen, MD, David K. Swanson, PhD, Julia O. Hegge, BS, Jake W. Young, RN, Kim M. Watson, BS, Paul W. Rasmussen, Herbert A. Berkoff, MD.
5. American College of Surgeons 73rd Clinical Congress, San Francisco, California, October 11-16, 1987. Poster: "Pump-Induced Hemolysis in a Rabbit Model of Neonatal ECMO" David C. Kress, MD, David J. Cohen, MD, David K. Swanson, PhD, Julia O. Hegge, BS, Jake W. Young, RN, CCP, Kim M. Watson, BS, Paul W. Rasmussen, Herbert A. Berkoff, MD.
6. Society of Thoracic Surgeons, Topical Meeting: Circulatory Support, 1988, St. Louis, Missouri, February 6-7, 1988. Poster: "Pump Induced Hemolysis in a Rabbit Model of Neonatal ECMO" David C. Kress, MD, David J. Cohen, MD, David K. Swanson, PhD, Julia O. Hegge, BS, Jake W. Young, RN, Kim M. Watson, BS, Paul W. Rasmussen, Herbert A. Berkoff, MD.
7. Association of VA Surgeons, 13th Annual Surgical Symposium, San Antonio, TX, May 3-6, 1989. Poster: "Improved Myocardial Protection During Reperfusion By Anastomosing Both Ends of All Grafts Under Cardioplegia with Aorta Cross Clamped" Byrnes TA, Kroncke GM, Nichols RD, Myerowitz PD, Cohen DJ.
8. American Society for Artificial Internal Organs, 35th Annual Mtg, Dallas, TX, May 22-25, 1989. Poster: "Pre-Load Responsive Pulsatile Extracorporeal Pump" Thomas Runge, MD, Frederick L. Grover, MD, David J. Cohen, MD, F.O Bohl, PhD, Stephen E. Ottmers, MS.
9. Southwestern Surgical Congress, 42nd Annual Mtg, La Quinta, CA, April 22-25, 1990. Movie: "Pulmonary Artery Thromboendarterectomy for Chronic Pulmonary Emboli" David

J. Cohen, M.D., Herbert A. Berkoff, M.D.

10. Society of Thoracic Surgeons, 27th Annual Mtg, San Francisco, CA, February 18, 1991, Movie: "Correction of Postpneumonectomy Mediastinal Overshift by Insertion of Silastic Tissue Expander" Grover FL, Smith JM, Calhoon JH, Hall WC, Rasch DK, Schnapf BM, Cohen D, Campbell D, Trinkle JK
11. American College of Surgeons, 77th Annual Clinical Congress, Chicago, IL, October 20-25, 1991. Movie: "Pneumonectomy for Hypoplastic Right Lung with Correction of Mediastinal Overshift by Insertion of a Silastic Tissue Expander" Grover FL, Smith JM, Calhoon JH, Hall WC, Rasch DK, Schnapf BM, Cohen DJ, Campbell D, Trinkle JK.
12. American Heart Association, 65th Scientific Sessions, New Orleans, LA, November 16-19, 1992. Poster: "Oral Microorganisms and Calcific Aortic Stenosis" Iakovidis P, Cohen DJ, Swain L, Clem M, Ghidoni JJ, Everett MM, Boyan BD.
13. American Heart Association, 65th Scientific Sessions, New Orleans, LA, November 16-19, 1992. Poster: "Association of A Calcifiable Proteolipid with Human Bicuspid Aortic Valve Calcification" Cohen DJ, Iakovidis P, Brooks B, Swain L, Everett MM, Boyan BD.
14. American College of Chest Physicians World Congress, San Francisco, CA, October 27-31, 1996. Poster: "Anomalous Right Main Coronary Artery Originating from the Left Sinus of Valsalva" McDonnell BE, Lisagor PG, Cohen DJ.
15. First International Congress of Heart Disease, Washington D.C., May 19, 1999. Poster: "Differences in Length of Stay Between Coronary Bypass and Valve Procedures" Tripp HF, Obney JA, Febinger DL, Lisagor PG, Cohen DJ.
16. American College of Chest Physicians, Chest 1999, 65th Annual International Scientific Assembly, Chicago IL, Oct. 31—Nov 4, 1999. Poster: "Radiographic Evidence of Phrenic Nerve Dysfunction Following Cardiac Surgery and its Relation to Length of Stay" Tripp HF, Obney JA, Febinger DL, Lisagor PG, Cohen DJ.
17. Circulatory Support 2000, the Fifth International Conference on Circulatory Support Devices for Severe Cardiac Failure, New York NY, September 15-17, 2000. Poster: "Lessons Learned in 15 Years with Circulatory Support" Moore CH, Mulgrew PJ, Miller OL, Cohen DJ.
18. American Society of Mechanical Engineers, 2001 Bioengineering Conference, Snowbird UT, June 27—July 1, 2001. Poster: "A Biomechanical Comparison of Three Sternotomy Closure Techniques" Cohen DJ, Griffin LV.

XIV. VISITING PROFESSORSHIPS:

St. Mary's Hospital, Waterbury, Connecticut, September 20, 1983.

XV. PRESENTATION OF WORK, AUTHORED OR CO-AUTHORED, AT MEETINGS:

1. Thrombosis of Aortic Porcine Heterograft Valve Prostheses. Presented at Pennsylvania Association for Thoracic Surgery Meeting, Buck Hill Falls, Pennsylvania, September 20, 1980.
2. ELISA Assay for Anti-Heart Antibodies. Presented at the Carl Temple Symposium for Allergy, Immunology and Pulmonology, Fitzsimmons Army Medical Center, Aurora, Colorado, January 23-25, 1983
3. Cystic Lesions of the Thymus: An Occasionally Malignant Cervical and/or Anterior Mediastinal Mass. Presented at the Western Surgical Association, 9th Annual Meeting, Colorado Springs, Colorado, June 19-23, 1983.
4. Evaluation of the Angelchik Antireflux Prosthesis Using a Model for Esophageal Reflux in Rhesus Monkeys. Presented at William Beaumont Gastrointestinal Symposium, 13th Annual Meeting, El Paso, Texas, March 20-22, 1984.
5. Evaluation of the Angelchik Antireflux Prosthesis Using a Model for Esophageal Reflux in Rhesus Monkeys. Presented at Southwestern Surgical Congress, 36th Annual Meeting, Honolulu, Hawaii, April 21-23, 1984.
6. Results of Coronary Artery Bypass Grafting in Patients Under 36 Years of Age. Presented at American College of Chest Physicians 51st Annual Scientific Assembly, New Orleans, Louisiana, October 28 - November 1, 1985.
7. Intrabronchial Lipoma - Management of an Unusual Case. Presented at Wisconsin Thoracic Society, Madison, Wisconsin, April 5, 1986.
8. E.C.M.O. Experience at the University of Wisconsin. Presented at Wisconsin Surgical Society, Milwaukee, Wisconsin, April 19, 1986.
9. Evaluation of Ornithine Decarboxylase (ODC) Activity as a Biochemical Marker in Individuals Predisposed to Lung Cancer. Presented at Association for Academic Surgery, Washington, DC, November 7, 1986.

10. Comparison of Survival in Cardiac Surgery at a Veterans' Administration and its Affiliated University Hospital. Association of Veterans' Administration Surgeons, 11th Annual Scientific Session. Portland, Oregon, May 7-9, 1987.
11. The Effect of Cannulation Site on the Primary Determinants of Myocardial Oxygen Consumption During Left Heart Bypass in Pigs. Presented at Wisconsin Surgical Society, Woodruff, Wisconsin, September 18, 1987.
12. Effect of Reoperation and Myocardial Revascularization on Survival in Mitral Valve Replacement. American College of Chest Physicians, 53rd Annual Scientific Assembly, Atlanta, Georgia, October 26-30, 1987.
13. The Effect of Cannulation Site on the Primary Determinants of Myocardial Oxygen Consumption during Left Heart Bypass. Presented at the Society of University Surgeons, 30th Annual University Surgical Residents Conferences, San Antonio, Texas, February 10, 1988.
14. New Concept Pre-Load Responsive Pulsatile Flow Externally Valved Pump for Cardiopulmonary Bypass. Presented at the Academy of Surgical Research, 4th Annual Scientific Session, Boston, Massachusetts, September 16-17, 1988.
15. The Effect of Cannulation Site on the Primary Determinants of Myocardial Oxygen Consumption During Left Heart Bypass. Presented at the Academy of Surgical Research, 4th Annual Scientific Session, Boston, Massachusetts, September 16-17, 1988.
16. Correction of Moderate Mitral Regurgitation Does Not Decrease Left Ventricular Contractility. Presented at the Surgical Forum, American College of Surgeons, Clinical Congress, Chicago, Illinois, October 23-28, 1988.
17. Glutathione Decreases the Pulmonary Reimplantation Response in Canine Lung Autotransplants. American Thoracic Society, 1989 Annual Meeting, Cincinnati, Ohio, May 14-17, 1989.
18. Glutathione Decreases the Pulmonary Reimplantation Response in Canine Lung Autotransplants. Texas Thoracic Society 1989 Annual Meeting, Austin, Texas, April 19-20, 1989.
19. Single-lung Autotransplantation Induces Glutathione and Glutathione Peroxidase Activity Following Reimplantation. American Physiological Society 1989 Annual Meeting, Rochester, Minnesota, October 16-19, 1989.
20. Myocardial Metabolism During Fixed Rate Pulsatile Left Ventricular Bypass. Academy of

Surgical Research 1989 Meeting. Atlanta, Georgia, September 28-30, 1989.

21. Changes in Lung Glutathione Metabolism Associated with Lung Transplantation. Texas Thoracic Society 1990 Annual Meeting. Austin, Texas, April 20-21, 1990.
22. Single-lung Transplantation - Alternative Indications and Technique. American Association for Thoracic Surgery 70th Annual Meeting. Toronto, Ontario, Canada, May 7-9, 1990.
23. Mitigation of Anasarca and Acidosis in Cardiopulmonary Bypass. Texas Medical Association 123rd Annual Session, Forum of Original Research. Corpus Christi, Texas, May 11, 1990.
24. Pulmonary Function Changes after Single-lung Transplant for Chronic Obstructive Lung Disease. American Thoracic Society 1990 Conference on Lung Health, Boston, Massachusetts, May 20-24, 1990.
25. Glutathione Cryopreservation Preserves Pulmonary Gas Exchange after 5 Hours Ischemia in Dog Lung Autotransplant. American Thoracic Society 1990 Conference on Lung Health, Boston, Massachusetts, May 20-24, 1990.
26. Exercise Breathing Patterns after Single-lung Transplantation for Interstitial and Obstructive Lung Disease. American Thoracic Society 1990 Conference on Lung Health, Boston, Massachusetts, May 20-24, 1990.
27. Mitral Apparatus Systolic Anterior Motion Following Ring Annuloplasty: A Benign Condition. American College of Chest Physicians 56th Annual Scientific Assembly, Toronto, Ontario, Canada, October 22-26, 1990.
28. Preclinical Evaluation of a Preload Responsive Pulsatile Pump. The Cardiovascular Science and Technology: Basic and Applied, Second Conference, Louisville, Kentucky, November 30, December 1 & 2, 1990.
29. Effect of Synchronous and Asynchronous Pulsatile Flow During Left and Biventricular Assist. American Society of Artificial Internal Organs, 37th Annual Meeting, Chicago, April 25-27, 1991.
30. Prosthetic Valve Endocarditis - Experience of VA Cooperative Valve Study: Western Thoracic Society
31. Preservation of Chordal Mechanism with Mitral Valve Replacement Does Not Enhance Left Ventricular Function. Southern Thoracic Society, 38th Annual Meeting Orlando, Florida, November 7-9, 1991.

32. Mechanical Circulatory Support: Closed Pulsatile Flow Cardiopulmonary Bypass. Association for the Advancement of Medical Instrumentation, Bethesda, MD, December 2-4, 1991.
33. Achievement of Physiologic Pulsatile Flow in Cardiopulmonary Bypass with a 24 FR Cannula. American Society for Artificial Internal Organs, 38th Annual Meeting, Nashville TN, May 7-9, 1992.
34. Monitoring of Blood Gases During Prolonged Experimental Cardiopulmonary Bypass and Their Relationship with Brain pH, PO₂, and PCO₂. American Society of Artificial Internal Organs, 40th Anniversary Meeting, San Francisco CA, April 14-16, 1994.
35. Lung Volume Reduction Surgery as a Treatment for Emphysema—An Army Medicine Perspective. American College of Physicians, Army Chapter, Reston VA, November 15, 1997.
36. New bioengineering research directions in extracorporeal membrane oxygenation (ECMO). 17th Southern Biomedical Engineering Conference, San Antonio, TX, February 6-8, 1998.

XVI. MISCELLANEOUS:

1. Moderator - Residents' Papers Session on "Shock", Society of University Surgeons, 49th Annual Meeting, San Antonio, Texas, February 10, 1988.
2. Moderator - Cardiovascular/Radiologic, Forum of Original Research, Texas Medical Association, 121st Annual Session, San Antonio TX, May 13, 1988.
3. Reviewer, Journal of Trauma.
4. Participant: "The Future of Specialty Care, An Advanced Course on Health Policy", The Division of Health Policy Research and Education, Harvard University, Boston, MA, May 6-8, 1998.
5. Participant: "Understanding the New World of Health Care, An Intensive Course on the Evolving Health Care System", John F. Kennedy School of Government, Harvard University, Cambridge, MA, Nov. 6-14, 1999.
6. Facilitator: "Skills for the New World of Health Care", John F. Kennedy School of Government, Harvard University, Cambridge, MA, April 26-May 4, 2003