

# CURRICULUM VITAE

## Francisco G Cigarroa

### GENERAL INFORMATION

#### PERSONAL DATA:

Date of Preparation: 01/06/2009

**Address:** 7703 Floyd Curl Drive  
San Antonio, TX 78229-3900

**Phone Number:** (210) 567-2050

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**Email Address:** cigarroa@uthscsa.edu

#### EDUCATION:

<u>Year</u>	<u>Degree</u>	<u>Discipline</u>	<u>Institution/Location</u>
1983	MD	Medicine	The University of Texas Southwestern Medical Center at Dallas, Dallas, TX
1979	BS	Biology	Yale University, New Haven, CT

#### TRAINING:

##### *Internship*

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
1983-1984	General Surgery	Massachusetts General Hospital, Boston, MA

##### *Post Doctoral Fellowship*

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
1994-1995	Abdominal Transplants, Instructor in Surgery	Johns Hopkins Hospital, Baltimore, MD
1993-1994	Abdominal Transplant	Johns Hopkins Hospital, Baltimore, MD
1992-1993	Pediatric Surgery, Instructor in Surgery	Johns Hopkins Hospital, Baltimore, MD
1991-1992	Pediatric Surgery	Johns Hopkins Hospital, Baltimore, MD
1986-1988	Pediatric Surgery	Massachusetts General Hospital, Harvard Medical School, Boston, MA

##### *Residency*

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
1990-1991	Chief Resident, General Surgery and Trauma	Massachusetts General Hospital, Harvard Medical School, Boston, MA
1988-1990	General Surgery	Massachusetts General Hospital, Harvard Medical

1984-1986 General Surgery School, Boston, MA  
 Massachusetts General Hospital, Harvard Medical School, Boston, MA

**ACADEMIC APPOINTMENTS:**

10/2000 - Present President and Professor of Pediatric and Transplantation Surgery (Tenured) The University of Texas Health Science Center at San Antonio, San Antonio, TX  
 09/2000 - 10/2000 Associate Professor (Tenure Track) The University of Texas Health Science Center at San Antonio, Department of Surgery, San Antonio, TX

*Details: Division of General Surgery & Organ Transplantation*

09/1999 - 10/2000 Trauma Director Christus Santa Rosa Children's Hospital, San Antonio, TX  
 12/1998 - Present Medical Staff Christus Santa Rosa Northwest, San Antonio, TX  
 05/1998 - Present Consultant Methodist Children's Hospital, San Antonio, TX  
 05/1998 - Present Medical Staff Baptist Healthcare System, San Antonio, TX  
 03/1997 - Present Medical Staff Christus Santa Rosa Children's Hospital, San Antonio, TX  
 03/1997 - Present Medical Staff Christus Santa Rosa Hospital, San Antonio, TX  
 08/1995 - 08/2000 Assistant Professor (Tenure Track) The University of Texas Health Science Center at San Antonio, Department of Surgery, San Antonio, TX

*Details: Division of General Surgery and Organ Transplantation*

**CERTIFICATION AND LICENSURE:**

***Certification***

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Special Qualifications in Pediatric Surgery - The American Board of Surgery	Certified	04/1994	603	07/2014
Qualified to practice the specialty of Surgery - The American Board of Surgery	Certified	05/1991	36219	07/2011

**License to Practice**

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Controlled Substance Registration Certificate - United States Department of Justice, Drug Enforcement Administration, Washington, DC	Certified	08/1983	BC4429002	08/2010
Medicine - Texas State Board of Medical Examiners	Certified	08/1983	G4915	02/2009
Texas Controlled Substances Registration Certificate - Texas Department of Public Safety	Certified	08/1983	00092212	02/2009

**Other**

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
The University of Texas System Certificate of Professional Medical Liability - The University of Texas System	Not Applicable	09/1995	N/A	08/2008

**Recertification**

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
BLS for Healthcare Providers (CPR & AED) Program - American Heart Association - ProCPR	Certified	01/2003	116621814633	12/2008
Recertified in Pediatric Surgery - The American Board of Surgery	Certified	10/2001	603	07/2014
Recertification in Surgery - The American Board of Surgery	Certified	10/1999	36219	07/2011

**HONORS AND AWARDS:**

- 09/2008 Doctor "Honoris Causa": Doctor "Honoris Causa" given by the Universidad Autonoma de Nuevo Leon, Honorable Consejo Universitario, Monterrey, Mexico
- 09/2008 The Top 25 Latinos in Education: Featured in Latino Leaders - The National Magazine of American Latino, special feature: Top 25 Latinos in Education, September/October 2008 Vol. 9 No. 6
- 08/2008 Roger A. Flores, Sr. Beacon of Leadership Award: Roger A. Flores, Sr. Beacon of Leadership Award
- 06/2008 101 The List: Latino Leaders, The National Magazine of the Successful American Latino, "101 The List - The Most Influential Leaders in the Latino Community Today"
- 11/2006 Amistad Award: The San Antonio-Mexico Friendship Council, Inc. 2006 Amistad Award
- 10/2006 Member of the Institute of Medicine: Elected member of The National Academy of Sciences' Institute of Medicine
- 10/2006 Tejano Achiever Award: Lulac Council #12 Tejano Achiever Award

- 09/2006 Honorary Member of Academia Nacional de Medicina de Mexico: Honorary membership in the National Academy of Medicine of Mexico
- 02/2006 Doctor Ignacio Chavez Medal of Merit: Universidad Nacional Autonoma de Mexico Doctor Ignacio Chavez Medal of Merit
- 03/2005 National Conference for Community & Justice San Antonio Region Humanitarian
- 02/2005 Prevent Blindness of Texas' Person of Vision Award
- 02/2005 St. Mary's University Marian Health Care Award
- 05/2004 Southwest Mental Health Center's Esperanza Award
- 02/2003 Mr. South Texas - Washington's Birthday Celebration Association, Laredo, TX
- 05/2002 Faces of the New Millennium
- 01/2002 LULAC Council 7 Hispanic of the Year Award
- 01/2002 Rotary Foundation of Rotary International Paul Harris Fellow
- 01/2001 Who's Who in Medicine and Healthcare
- 01/2001 2001 Mustang Legends Award - J.W. Nixon High School, Laredo, TX
- 01/2000 American Heart Association Heart of Gold Award
- 01/1999 American Heart Association Certificate of Appreciation
- 01/1994 Sandoz Transplant Research Fellow
- 06/1991 Chief Resident at Massachusetts General Hospital
- 01/1988 Marshall K. Bartlett's Surgical Research Award
- 06/1983 Alpha Omega Alpha Honor Medical Society
- 05/1979 Elihu Undergraduate Society

## **TEACHING**

### **COURSE BASED TEACHING:**

<b><u>Date</u></b>	<b><u>Course Name</u></b>	<b><u>Level</u></b>	<b><u>Role</u></b>
06/1998 - 05/1999	SURG3005 Surgery Clerkship	Undergraduate/Graduate	Preceptor
<i>Medical students, undergraduate, residents</i>			
06/1998 - 05/1999	SURG3105 General Surgery Clerkship	Undergraduate/Graduate	Preceptor



*Setting: ICU, wards; school/level: medical students, undergraduate, residents*

06/1997 - 05/1999 Clinical Teaching University Hospital  
*Setting: ICU, wards; school/level: medical students, undergraduate, residents*

06/1997 - 05/1999 Clinical Teaching Christus Santa Rosa Children's Hospital  
*Setting: operating room; school/level: medical students, undergraduate, residents*

01/1997 - 10/2000 Surgical Conference  
*Director, Pediatric Surgical Conference city-wide*

06/1995 - 05/1999 Clinical Teaching University Hospital  
*Setting: clinic; school/level: medical students, undergraduate, residents*

06/1995 - 05/1999 Clinical Teaching University Health Center-Downtown  
*Setting: clinic; school/level: medical students, undergraduate, residents*

06/1995 - 05/1999 Clinical Teaching Christus Santa Rosa Children's Hospital  
*Setting: clinic; school/level: medical students, undergraduate, residents*

06/1995 - 05/1999 Clinical Teaching University Hospital  
*Setting: operating room; school/level: medical students, undergraduate, residents*

### **Visiting Graduate Students**

<b><u>Date</u></b>	<b><u>Description</u></b>	<b><u>Institution</u></b>	<b><u># Students</u></b>
01/1999 - 12/1999	Surgical Education	The University of Texas Health Science Center at San Antonio	
	<i>Surgical education for exchange students from Universidad de Monterrey</i>		

## **RESEARCH**

### **EXPERTISE:**

**Pediatric Surgeon** - Professor of Pediatric Surgery

**Transplant Surgeon** - Professor of Transplant Surgery

## **PROJECTS:**

### ***Departmental Projects***

- 01/1999-12/1999 Area of Research Interest, Liver transplantation using monoclonal antibody therapy and minimal steroids.
- 01/1999-12/1999 Area of Research Interest, Radiofrequency tissue ablation: Comparison of the thermal lesion produced in vivo in cirrhotic livers by three commercially available devices. Departments of Radiology and Surgery, UTHSCSA.
- 01/1999-12/1999 Area of Research Interest, A Randomized, Double-Blind, Double-Dummy, Active-Comparator Controlled Multi-Center Study of the Efficacy and Safety of Valganciclovir (Ro107-9070) vs. Oral Ganciclovir for Prevention of Cytomegalovirus Disease in High-Risk Heart, Liver and Kidney Allograft Recipients.
- 01/1996-01/1997 Area of Research Interest, The role of growth factor-beta in hepatic endothelin, endothelin receptors and nitric oxide expression in alcohol-induced liver disease. Department of Surgery, UTHSCSA.
- 01/1996-01/1997 Area of Research Interest, Gender differences in alcohol-induced liver disease. Evaluation and comparison of the expression of CD11 and CD 14 in the whole male and female Kupffer cell CD11 and CD 14 expression in alcohol induced liver disease in a rat model. Comparison of the cytokine production that may be activated via the lipopolysaccharide receptor molecules on the male and female Kupffer cell in alcohol-induced liver disease in a rat model. Department of Surgery, UTHSCSA
- 01/1994-10/2000 Established Level III trauma program, Pediatric Surgery Trauma Director for the establishment of a Level III trauma program at Christus Santa Rosa Children's Hospital

### ***Other***

- 01/1987-01/1988 Area of Research Interest, Developed a whole cell assay for inhibition of tyrosine kinase in A431 cells using recombinant produced Mullerian Inhibiting Substance.
- 01/1986-01/1987 Area of Research Interest, Inhibition of the Epidermal Growth Factor Receptor by the fetal growth inhibitor called Mullerian Inhibiting Substance.
- 01/1977-12/1977 Area of Research Interest, Examined the structural integrity of cellular membranes at the University of Texas at Austin. Adviro: Dr. Guy Thompson. 1977. Studied the effects of non-living related kidney transplants in complement deficient porcine models.

### ***University Projects***

- 01/1994-10/2000 Established pediatric liver transplantation program
- 01/1994-10/2000 Established pediatric small bowel transplantation program

01/1994- Organized and established Pediatric Surgery at UTHSCSA  
10/2000

**PUBLICATIONS: (\*\* indicates Peer Reviewed)**

***Abstract***

- \* 1. Pollack MS, Havranek, R, Halff GA, Esterl RM, Washburn WK, Cigarroa FG, Speeg KV. Liver transplant recipients with positive T-cell cross-matches have excess mortality 2000 Oct. p. s91-s91. (Human Immunology; vol. 61, no. Sup 2).
- 2. Elshihabi I, Agustin J, Cigarroa FG, Arar MY. Combined liver-kidney transplantation in a child with primary hyperoxaluria type I. 1998. p. 67. (Pediatr Transplantation; vol. 2, no. sup 1).
- 3. Lange RA, Hillis LD, Cigarroa FG, Pitts WR, Vongpatanasin W. Effects of the intracoronary infusion of cocaine on left ventricular systolic diastolic function in humans. 1997. (Circulation).
- 4. Lange RA, Hillis LD, Cigarroa FG, Yancy CW, Willard JE, Sills MN, Popma JJ. Cocaine-induced coronary vasoconstriction in man and its alleviation by alpha-adrenergic blockade. 1990. (Circulation; vol. 80, no. II351).
- 5. Lange RA, Cigarroa FG, Hillis LD. Cocaine-induced reduction in cross-sectional area of coronary artery stenoses in man: a quantitative assessment. 1990. (Circulation; vol. 80, no. II351).
- 6. Lange RA, Hillis LD, Cigarroa FG, Moore DM. The use of pulmonary capillary wedge pressure to assess the severity of mitral stenosis: is a true left atrial pressure needed in these patients? 1989. (J Am Coll Cardiol; vol. 13, no. 146A).

***Book Chapter***

- 1. Neigut D, Cigarroa FG:. Biliary atresia. In Mattei P (editor): Surgical Directives: Pediatric Surgery. In: Biliary atresia. Lippincott Williams & Wilkins; 2003. p. Sect X
- 2. Raheb J, Esterl RM, Washburn WK, Cigarroa FG, Halff GA. Ischemic Monomelic Neuropathy as a Complication of Forearm PTFE Loop Grafts in Uremic Diabetic Patients In: Henry ML, Ed.. Vascular Access for Hemodialysis VII. WL Gore and Access Medical Group, Ltd.; 2001. p. 001 - 002.
- 3. Raheb J, Esterl RM, Washburn WK, Cigarroa FG, Halff GA. A Revisited Technique to Salvage Failed End to Side Radiocephalic Fistulae for Chronic Hemodialysis In: Henry ML, Ed.. Vascular Access for Hemodialysis VII. WL Gore and Access Medical Group, Ltd.; 2001. p. 01 - 02.
- 4. Lange RA, Hillis LD, Cigarroa FG. The guide to cardiology In: Cardiac catheterization. In Kloner RA (ed). New York: Wiley Medical; 1989. p. 113 - 138.

***Journal Article***

- 1. Ramirez, AG; Vela, L; Cigarroa, FG. A Model for Health Professional Education in



South Texas Journal of Hispanic Higher Education 2008 Apr;Vol 7(2):183-194.

- \* 2. Lange RA, Hillis LD, Cigarroa FG, Arbab-Zadeh A, Levine BD, Trost J, Keeney EC. The effect of hypoxemia on coronary arterial dimensions in subjects with and without coronary artery disease. Am J Physiol (submitted) 2008
- 3. Halff GA, Speeg KV, Washburn WK, Esterl RM, Abrahamian GA, Mejia A, Nichols L, Neigut DA, Dodd III GD, Cigarroa FG. Liver Transplantation at The University of Texas Health Science Center/University Hospital in San Antonio Clinical Transplants 2004:247-253.
- \* 4. Lange RA, Hillis LD, Cigarroa FG, Nguyen K, Keeley EC. Presence and extent of angiographic coronary narrowing in patients with left bundle branch block referred for coronary angiography. Am J Cardiol 2004;93:1426-1427.
- \* 5. Lange RA, Hillis LD, Cigarroa FG, Stauffenberg MT, Hsu RM, Devaraj S, Jiala I. Hyperhomocysteinemia measured by immunoassay: a valid measure of coronary artery atherosclerosis. Arch Pathol Lab Med 2004;128:1263-1266.
- \* 6. Washburn WK, Dodd GD, Kohlmeier RE, McCoy VA, Napier DH, Hubbard LG, Halff GA, Esterl RM, Cigarroa FG, Sharkey FE. Radiofrequency tissue ablation: effect of hepatic blood flow occlusion on thermal injuries produced in cirrhotic livers. Ann Surg Oncol 2003 Aug;10(7):773-777.
- 7. Fisch SI, Vela L, Wartman SA, Cigarroa FG. Community-based medical education: two campuses, one faculty, one school. Tex Med 2002 Aug;98(8):52-54.
- 8. Mejia A, Halff GA, Esterl R, Cigarroa F, Speeg KV, Villarreal R, Washburn K. Outcome of Liver Transplantation in Hispanics versus Non-Hispanics: Is There a Difference? Transplant Proc 2002 Jun;34(4):1236-1238.
- \* 9. Leyendecker JR, Dodd GD, Halff GA, McCoy VA, Napier DH, Hubbard LG, Chintapalli KN, Chopra S, Washburn WK, Esterl RM, Cigarroa FG, Kohlmeier RE, Sharkey FE. Sonographically Observed Echogenic Response During Intraoperative Radiofrequency Ablation of Cirrhotic Livers: Pathologic Correlation American Journal of Radiology 2002 May;178(5):1147-1151.
- \* 10. Bingener-Casey J, Esterl RM, Kenneth Washburn W, Cigarroa FG, Abrahamian GA, Halff GA. Tc-99m-labeled red blood cell scanning localizes anastomotic hemorrhage between the distal ileum and duodenal stump of an enteric-drained pancreas transplant. Clin Nucl Med 2002 Mar;27(3):205-206.
- \* 11. Mejia A, Halff GA, Esterl RM, Cigarroa FG, Speeg KV, Villarreal R, Washburn WK. Outcome of Liver Transplantation in Hispanics Versus Non-Hispanics: Is There a Difference? Transplantation Proceedings 2002 Jan;34:1236-1238.
- \* 12. Lange RA, Hillis LD, Cigarroa FG, Saland KE. Influence of morphine sulfate on cocaine-induced coronary vasoconstriction. Am J Cardiol 2002;90:810-811.
- \* 13. Washburn K, Speeg KV, Esterl R, Cigarroa F, Pollack M, Tourtellot C, Maxwell P, Halff G. Steroid elimination 24 hours after liver transplantation using daclizumab, tacrolimus, and mycophenolate mofetil Transplantation 2001 Nov;72(10):1675-1679.

- \* 14. Washburn WK, Speeg KV, Esterl R, Cigarroa F, Pollack M, Tourtelot C, Maxwell P, Half G. Steroid Elimination 24 Hours After Liver Transplantation Using Daclizumab, Tacrolimus, and Mycophenolate Mofetil 1 Transplantation 2001 Nov;72(10):1675-1679.
- \* 15. Lange RA, Hillis LD, Cigarroa FG, Rapp AH, Keeley EK. Relation of pulmonary arterial diastolic and mean pulmonary capillary wedge pressure in patients with and without pulmonary hypertension. Am J Cardiol 2001;88:823-824.
- \* 16. Lange RA, Hillis LD, Cigarroa FG, Rapp AH, Keeley EC. Prevalence of coronary artery disease in patients with aortic stenosis with and without angina pectoris. Am J Cardiol 2001;88:1212-1213.
- \* 17. Lange RA, Hillis LD, Cigarroa FG, Rapp AH, Keeley EC. Hemodynamic characteristics and procedural outcome of patients with mitral stenosis and a depressed cardiac output. Am J Cardiol 2001;88:1212-1213.
- \* 18. Schwesinger WH, Richards ML, Cigarroa FG, Heim-Hall J. Difficulty swallowing in a young child. Grand Rounds Current Surgery 2000;57(5):446-449.
- 19. Cai TH, Esterl RM, Nichols L, Cigarroa F, Speeg KV, Half GA. Improved Immunosuppression with Combination Tacrolimus (FK506) and Mycophenolic Acid in Orthotopic Liver Transplantation Transplant Proc 1998 Jun;30(4):1413-1416.
- \* 20. Lange RA, Hillis LD, Cigarroa FG, Pitts WP. Coronary arterial anatomy in patients with left ventricular systolic dysfunction without previous chest pain or myocardial infarction. Am J Cardiol 1998;82:1530-1531.
- 21. Ratner LE, Cigarroa FG, Bender JS, Magnuson T, Kraus ES. Transplantation of single and paired pediatric kidneys into adult recipients. J Am Coll Surg 1997 Nov;185(5):437-445.
- \* 22. Lange RA, Hillis LD, Cigarroa FG, Pitts WR. Repeat coronary angiography in patients with chest pain and previously normal coronary angiogram. Am J Cardiol 1997:1086-1087.
- 23. Colombani PM, Cigarroa FG, Schwarz K, Wise B, Maley WE, Klein AS. Liver transplantation in infants younger than 1 year of age. Ann Surg 1996 Jun;223(6):658-662.
- 24. Ratner LE, Ciseck LJ, Moore RG, Cigarroa FG, Kaufman HS, Kavoussi LR. Laparoscopic live donor nephrectomy. Transplantation 1995 Nov;60(9):1047-1049.
- 25. Eckhardt WF, Patafio O, Cigarroa FG. A retained esophageal stethoscope as a potential cause of small bowel obstruction. Anesth Analg 1992 Feb;74(2):300-302.
- \* 26. Lange RA, Cigarroa FG, Hillis LD. Influence of residual antegrade coronary blood flow on prognosis after myocardial infarction in patients with multivessel coronary artery disease Coronary Artery Disease 1990;1:59-63.
- \* 27. Lange RA, Cigarroa FG, Hillis LD, Popma JJ, Yurow G, Sills MN, Firth BG. Ethanol induced coronary vasodilation in patients with and without coronary artery disease Am Heart J 1990;119:254-259.

- \* 28. Lange RA, Cigarroa FG, Hillis LD, Wells PJ, Kremers MS. Influence of antegrade flow in the infarct artery on the incidence of late potentials in acute myocardial infarction Am J Cardiol 1990;65:554-558.
- \* 29. Lange RA, Cigarroa FG, Hillis LD, Flores ED, McBride W, Kim AS, Wells PJ, Bedotto JB, Danziger RS. Potentiation of cocaine-induced coronary vasoconstriction by beta-adrenergic blockade Ann Int Med 1990;112:897-903.
- \* 30. Lange RA, Cigarroa FG, Hillis LD, Flores ED. Effect of cocaine on coronary arterial dimensions in atherosclerotic coronary artery disease: enhanced vasoconstriction at sites of significant stenoses J Am Coll Cardiol 1990;16:74-79.
- 31. Cigarroa FG, Coughlin JP, Donahoe PK, White MF, Uitvlugt N, MacLaughlin DT. Recombinant human müllerian inhibiting substance inhibits epidermal growth factor receptor tyrosine kinase. Growth Factors 1989;1(2):179-191.
- \* 32. Lange RA, Cigarroa FG, Hillis LD, Moore DM. Use of pulmonary capillary wedge pressure to assess severity of mitral stenosis: Is true left atrial pressure needed in this condition? J Am Coll Cardiol 1989;13:825-829.
- \* 33. Lange RA, Cigarroa FG, Hillis LD, Williams RH, Bedotto JB. Underestimation of cardiac output by thermodilution in patients with tricuspid regurgitation Am J Med 1989;86:417-420.
- \* 34. Lange RA, Cigarroa FG, Hillis LD, Williams RH. Dosing of contrast material to prevent contrast nephropathy in patients with renal disease Am J Med 1989;86:649-652.
- \* 35. Lange RA. Prognosis after acute myocardial infarction in patients with and without residual anterograde coronary blood flow Am J Cardiol 1989;64:155-160.
- \* 36. Lange RA, Cigarroa FG, Hillis LD. Quantitative assessment of coronary arterial diameter before and after coronary artery bypass grafting Am J Cardiol 1989;64:261-263.
- \* 37. Lange RA, Cigarroa FG, Hillis LD. Angiographic characteristics of the infarct-related coronary artery in patients with angina pectoris after myocardial infarction Am J Cardiol 1989;64:257-260.
- 38. Cigarroa FG, Kim SH, Donahoe PK. Imperforate anus with long but apparent low fistula in females. J Pediatr Surg 1988 Jan;23(1 Pt):42-44.
- 39. Cigarroa FG. Leading an Academic Health Center in the 21st Century: A Pediatric Surgeon's Perspective Journal of Pediatric Surgery

### ***Papers Submitted***

1. Ramirez AG, Vela, L., Cigarroa, F.G.. The Health Needs of the Lower Rio Grande Border Region with an Innovative Service, Research, and Education Model Hispanic Journal of Higher Education 2007

### ***Review Article***

1. Lange RA. Rotational atherectomy. Cardiol Rev 2000;8:174-179.

2. Lange RA, Hillis LD, Cigarroa FG. Infarct artery patency and survival following myocardial infarction. Trans Am Clin Climat Assn 1999;110:93-104.
3. Lange RA, Hillis LD, Cigarroa FG. Late revascularization reduces mortality in survivors of myocardial infarction. Cardiol Rev 1999;7:144-148.
4. Lange RA, Hillis LD, Cigarroa FG. Thrombolysis versus primary PTCA for acute myocardial infarction. Cardiol Rev 1999;7:77-82.
5. Lange RA, Hillis LD, Cigarroa FG, Pitts WR. The "open artery hypothesis" in survivors of myocardial infarction. Clin Cardiol 1997;20:522-524.
6. Lange RA, Cigarroa FG, Hillis LD. Cardiac Catheterization Cardiovasc Rev & Rep 1990;11:56-74.
7. Lange RA, Cigarroa FG, Hillis LD, Flores ED. Therapy of acute myocardial infarction in the 1990s Am J Med Sci 1990;299:415-424.

#### **PRESENTATIONS:**

- 10/2007 Leading an Academic Health Center in the 21st Century, Grand Rounds, Department of Surgery, Massachusetts General Hospital, Boston, MA (Invited Speaker)  
**Details:** *Dr. Cigarroa was invited to serve as Visiting Professor by the President's Office of Harvard Medical School and present at the Massachusetts General Hospital, Dept of Surgery, Grand Rounds.*
- 09/2007 Hector P. Garcia, M.D. Awards Ceremony and Luncheon at UTMB, Hector P. Garcia, M.D. Awards Ceremony and Luncheon at UTMB, University of TX Medical Branch, Galveston, TX (Keynote Speaker)  
**Details:** *Dr. Cigarroa was invited by UTMB's United Latin American Medical Students to act as the keynote speaker for their 11th Annual Dr. Hector P. Garcia Cultural Competence Award Ceremony.*
- 05/2007 "Leading an Academic Health Center in the 21st Century: A Pediatric Surgeon's Perspective", 38th Annual American Pediatric Surgical Association, American Pediatric Surgical Association (APSA), Orlando, FL (Keynote Speaker)  
**Details:** *Dr. Cigarroa was invited to present the Robert E. Gross Lecture at the 38th Annual American Pediatric Surgical Association, May 24-27, 2007.*
- 05/2004 "Can Liver Donors Age Seventy and Older be Routinely Used for Liver Transplantation?", American Transplant Congress (Co-Presenter)  
**Details:** *Poster Presentation*
- 06/2001 "Outcome of Liver Transplantation in Hispanics vs. Non-Hispanics: Is there a Difference?", Aust Surgical Society (Co-Presenter)  
**Details:** *Abstract*

- 06/2001 "Outcome of Liver Transplantation in Hispanics vs. Non-Hispanics: Is there a Difference?", Texas Transplantation Society (Co-Presenter)  
**Details:** Abstract
- 05/2000 "Clinical Teaching", Education Research and Development, San Antonio, TX (Sole Presenter)  
**Details:** March 2000-May 2000
- 05/2000 "Intestinal Transplantation", Department of Pediatrics, Pediatric Gastrointestinal Nurses, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Sole Presenter)
- 05/2000 Liver Transplantation Using Minimal Steroids, Prograf, Cellcept, and Daclizumab, Transplant 2000 Joint Meeting (Co-Presenter)  
**Details:** Poster Presentation
- 04/2000 Texas Surgical Society Spring Semi-annual Meeting, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Co-Presenter)  
**Details:** March 31-April 1, 2000
- 04/2000 "Liver and Small Bowel Transplantation Lecture", Teaching Course and Lecture for Pharmacists (Sole Presenter)
- 09/1999 "Pediatric Small Bowel Transplantation", Texas Pediatric Surgical Society, Texas Pediatric Surgical Society, Austin, TX (Sole Presenter)
- 11/1998 "Transplantation at the Dawn of the 21st Century", International Rotary Club, Monterrey, MX (Sole Presenter)
- 07/1998 "Combined Liver-Kidney Transplantation in a Child with Primary Hyperoxaluria Type I", Third International Congress on Pediatric Transplantation Meeting, Boston, MA (Co-Presenter)  
**Details:** Abstract published in *Pediatric Transplantation, Volume 2, Supplement No. 1*
- 04/1998 "Pediatric Liver Transplantation", Texas Medical Association Annual Meeting, Tex Med 1998, Texas Medical Association (Co-Presenter)
- 01/1998 Nursing Transplantation Education, University Hospital, San Antonio, TX (Sole Presenter)
- 01/1998 Craniofacial Surgery at the Dawn of the Millennium, New York, NY (Co-Presenter)  
**Details:** Video
- 12/1997 Improved Immunosuppression with Combination Tacrolimus and Mycophenolic Acid in Orthotopic Liver Transplantation, International Congress on Immunosuppression, Orlando, FL (Co-Presenter)

***Details: Poster Presentation***

11/1997 Radiofrequency Interstitial Thermal Ablation (RITA) of Small Hepatomas as a Bridge to Liver Transplantation, American Association for the Study of Liver Diseases, Chicago, IL (Co-Presenter)

***Details: Poster Presentation***

09/1997 "Liver Transplantation in Children", Surgery at the Dawn of the 21st Century Conference (Invited Speaker)

***Details: Moderator: Pediatric/Potpourri Session***

06/1997 Improved Immunosuppression with Tacrolimus and Mycophenolic acid in Orthotopic Liver Transplantation, Aust Surgical Society, San Antonio, TX (Co-Presenter)

04/1997 "Organ Donation and Liver Transplantation", Friday Surgery Conference, Department of Surgery, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Sole Presenter)

11/1996 "Biliary Atresia", Pediatric Grand Rounds, Department of Pediatrics, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Sole Presenter)

10/1996 Pediatric Kidney Transplantation, Kidney Clinic of Laredo, Laredo, TX (Sole Presenter)

***Details: Presented to nurses and physicians at the Kidney Clinic of Laredo***

10/1996 Pediatric Liver Transplantation, McAllen Medical Center, McAllen, TX (Sole Presenter)

***Details: Presented to neonatologists, pediatric intensivists, and surgeons at McAllen Medical Center***

07/1996 "Pediatric Liver Transplants", American Nurses Association Workshop, Small Miracles: Organ & Tissue Donation & Transplantation and the Pediatric Patient, American Nurses Association (Co-Presenter)

05/1996 "Living Related Liver Transplantation in Children", American Society of Transplant Surgeons 1996 Annual Meeting, Dallas, TX (Sole Presenter)

12/1995 "Liver Transplantation in Children Under One Year of Age", 107th Annual Session of the Southern Surgical Association, Southern Surgical Association (Co-Presenter)

05/1995 "Pediatric Liver Transplantation", Pediatric Surgical Issues for the Primary Care Physician, San Antonio, TX (Co-Presenter)

04/1995 "The Johns Hopkins Experience with Living Related Liver Transplantation", First International Symposium on Living Related Liver Transplantation, Hamburg, GM (Co-Presenter)

03/1995 The Role of Liver Transplantation in Biliary Tract Disease, The SCVIR CIRREF Vidiodisk III: Biliary Intervention (Sole Presenter)

**Details:** Video

01/1995 "Initial Experience with Living Related Liver Transplantation in Infants", American Pediatric Surgical Association 26th Annual Meeting, American Pediatric Surgical Association (Co-Presenter)

01/1995 "Transplantation of Single/Paired Pediatric Kidneys into Adult Recipients", American Society of Transplant Physicians, 17th Annual Scientific Meeting, Chicago, IL (Co-Presenter)

**Details:** Poster Presentation

"Present State of Neonatal Surgery", Department of Surgery Conference, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Co-Presenter)

## **RESEARCH GRANTS:**

### ***Federal***

**Project #:** 5S22MD234-3

**Funding Agency:** National Institutes of Health/National Center on Minority Health & Health Disparities

**Title:** Endowment Program for Research and Training

**Status:** Complete

**Period:** 09/2002 - 09/2005

**Role:** Co-Investigator

**% Effort:**

**Total Costs:**

**Grant Detail:** Total Funding: \$937,500

### ***Private***

**Project #:** 125716

**Funding Agency:** Viropharma

**Title:** A Randomized Double Blinded Study to Assess the Efficacy and Safety of Maribavir vs Oral Gancyclovir for the Prevention of CMV Disease in Liver Transplant Recipients

**Status:** Active

**Period:** 11/2007 - 11/2009

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$387,981.00

**Grant Detail:**

**Project #:** 034-1502-379

**Funding Agency:** Roche

**Title:** A prospective, randomized, multicenter, open-label, comparative safety and efficacy study of prophylactically administered pegylated interferon alfa-2a plus ribavirin vs. no prophylaxis following liver transplantation for hepatitis C protocol ML 18124

**Status:** Active

**Period:** 04/2005 - 04/2007

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$16,000.00

**Grant Detail:**

**Project #:**

**Funding Agency:** Genzyme

**Title:** A randomized, controlled, multicenter study of thymoglobulin induction therapy with a calcineurin inhibitor sparing regimen in liver transplant patients

**Status:** Active

**Period:** 02/2005 - 06/2008

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$188,000.00

**Grant Detail:**

**Project #:** 034-1507-179

**Funding Agency:** Novartis

**Title:** A one-year, multicenter, open-label, randomized study to evaluate the safety and the efficacy of FTY720 combined with tacrolimus and steroids versus Cellcept combined with tacrolimus and steroids, in de novo adult renal transplant recipients

**Status:** Active

**Period:** 12/2004 - 12/2006

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$220,160.00

**Grant Detail:**

**Project #:** 001-1502-256A

**Funding Agency:** Novartis

**Title:** A two year extension to a one year, multicenter, partially blinded, double-dummy, randomized study to evaluate the efficacy and safety of FTY720 combined with reduced dose or full dose Neoral and corticosteroids vs MMF combined with full dose Neoral and

**Status:** Active

**Period:** 08/2004 - 08/2006

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$4,168.00

**Grant Detail:**

**Project #:** 034-1507-345

**Funding Agency:** Roche

**Title:** An open-label, prospective, randomized, controlled, multicenter study assessing fixed dose vs concentration controlled cellcept regimens for patients following a single organ renal transplantation in combination with full dose and reduced dose calcineuri

**Status:** Active

**Period:** 04/2004 - Present

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$243,732.00

**Grant Detail:**

**Project #:** 118375

**Funding Agency:** IDUN Pharmaceuticals

**Title:** Safety, tolerability and efficacy study of a caspase inhibitor, IND-6556 in patients undergoing orthotopic liver transplantation



**Status:** Complete  
**Period:** 12/2003 - 01/2005  
**Role:** Co-Investigator **% Effort:**  
**Total Costs:** \$170,000.00  
**Grant Detail:** Second lead enrolling site; publication in process

**Project #:** 023-1507-229  
**Funding Agency:** Fujisawa  
**Title:** A phase III, randomized, open-label, comparative, multicenter study to assess safety and efficacy of prograf/MMF, modified release prograf/MMF and Neoral/MMF in de novo kidney transplant  
**Status:** Complete  
**Period:** 08/2003 - 12/2004  
**Role:** Co-Investigator **% Effort:**  
**Total Costs:** \$220,160.00  
**Grant Detail:**

**Project #:** 023-1507-070  
**Funding Agency:** Vitagen  
**Title:** Phase 2 evaluation of the Vitagen extracorporeal liver assist device system in the management of patients with fulminant hepatic failure  
**Status:** Not Funded  
**Period:** 02/2003 - Present  
**Role:** Co-Investigator **% Effort:**  
**Total Costs:**  
**Grant Detail:**

**Project #:** 023-1507-070A  
**Funding Agency:** Vitagen  
**Title:** Post study surveillance protocol to evaluate the long term safety of the Vitagen extracorporeal liver assist device system in patients previously enrolled in Vitagen protocol #CR-202  
**Status:** Not Funded  
**Period:** 02/2003 - Present  
**Role:** Co-Investigator **% Effort:**  
**Total Costs:**  
**Grant Detail:**

**Project #:** 012-1507-344  
**Funding Agency:** Roche Pharmaceuticals  
**Title:** A prospective, randomized, non-blinded, single center study to evaluate the efficacy of daclizumab, mycophenolate mofetil, sirolimus, steroids vs. daclizumab, tacrolimus, mycophenolate mofetil and steroids in adult liver transplant recipients  
**Status:** Complete  
**Period:** 08/2002 - 11/2003  
**Role:** Co-Investigator **% Effort:**  
**Total Costs:** \$225,927.00  
**Grant Detail:**

**Project #:** 989-5006-387  
**Funding Agency:** Roche

**Title:** Mycophenolate mofetil in treatment of hepatitis C virus infection

**Status:** Complete

**Period:** 06/2002 - 01/2029

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$59,060.00

**Grant Detail:** No enrollment

**Project #:** 011-1502-256A

**Funding Agency:** Novartis

**Title:** Two year extension of a 1 year, multicenter, randomized, partially-blinded study of the safety and efficacy of FTY720 combined with corticosteroids and full or reduced dose Neoral in de novo adult renal transplant recipients

**Status:** Complete

**Period:** 06/2002 - 06/2004

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$16,275.00

**Grant Detail:**

**Project #:** 012-1507-292

**Funding Agency:** Baylor Research Institute

**Title:** An open-label, randomized, prospective multicenter study to compare the efficacy and safety among three immunosuppressant treatment regimens in patients receiving a liver transplant for end-stage liver disease caused by chronic hepatitis C infection

**Status:** Complete

**Period:** 05/2002 - 01/2004

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$400,000.00

**Grant Detail:** One of top 3 enrolling sites. At present has resulted in one publication (as primary author) and numerous presentations at national meetings.

**Project #:** 012-1507-100

**Funding Agency:** Novartis

**Title:** A six month, multicenter, randomized, open-label study to compare the impact of Neoral C2 monitoring on safety and efficacy outcomes in de novo kidney transplant recipients

**Status:** Complete

**Period:** 02/2002 - 02/2003

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$99,858.00

**Grant Detail:**

**Project #:** 001-1502-256

**Funding Agency:** Novartis

**Title:** A multicenter, randomized, partially-blinded study of the safety and efficacy of FTY720 combined with corticosteroids and full or reduced dose Neoral in de novo adult renal transplant recipients

**Status:** Complete

**Period:** 06/2001 - 06/2002

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$217,228.00

**Grant Detail:**

**Project #:** 023-1507-172

**Funding Agency:** Novartis

**Title:** A one year, multicenter, partially-blinded, double-dummy, randomized study to evaluate the efficacy and safety of FTY720 combined with reduced-dose or full-dose Neoral and corticosteroids versus mycophenolate mofetil combined with full dose Neoral and co

**Status:** Complete

**Period:** 04/2001 - 11/2002

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$250,812.00

**Grant Detail:**

**Project #:** 001-1507-180

**Funding Agency:** Wyeth-Ayerst Laboratories

**Title:** An open-label study to evaluate the safety and efficacy of early (5 day) steroid cessation in de novo renal allograft recipients treated with simulect induction and prograf in combination with rapamune

**Status:** Complete

**Period:** 03/2001 - 04/2002

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$113,580.00

**Grant Detail:** This study resulted in one publication and one presentation.

**Project #:**

**Funding Agency:**

**Title:** A randomized, comparative trial of prograf in combination with sirolimus or mycophenolate mofetil after liver transplantation

**Status:** Complete

**Period:** 02/2001 - 06/2001

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$20,000.00

**Grant Detail:**

**Project #:** 990-1507-215

**Funding Agency:** Roche Pharmaceuticals

**Title:** A randomized, double-blind, dummy, active comparator controlled multi-center study of the efficacy and safety of valganciclovir vs oral ganciclovir for the prevention of cytomegalovirus disease in high risk heart, liver and kidney allograft recipients

**Status:** Complete

**Period:** 03/2000 - 03/2002

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$364,681.00

**Grant Detail:** This study resulted in 4 publications and 9 presentations/abstracts.

**Project #:** 990-1507-022

**Funding Agency:** Fujisawa

**Title:** A prospective, randomized, multicenter, double-blind study of early corticosteroid cessation versus long term maintenance corticosteroid therapy with Zenapax, Prograf and CellCept in primary renal transplant recipients

**Status:** Complete

**Period:** 09/1999 - 09/2000

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$165,000.00

**Grant Detail:**

**Project #:** E-989-077

**Funding Agency:** Fujisawa

**Title:** Retrospective analysis of prograf and cyclosporine in liver transplant patients

**Status:** Complete

**Period:** 06/1999 - 07/2000

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$20,000.00

**Grant Detail:**

**Project #:** 989-1507-312

**Funding Agency:** Wyeth-Ayerst Laboratories

**Title:** An open-label multicenter study to characterize the clinical utility and safety of rapamune and cyclosporin combination treatment in de novo renal allograft recipients

**Status:** Complete

**Period:** 05/1999 - 05/2000

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$70,000.00

**Grant Detail:**

**Project #:** 989-1502-204

**Funding Agency:** Roche Pharmaceuticals

**Title:** Liver transplantation using monoclonal antibody therapy and minimal steroids

**Status:** Complete

**Period:** 04/1999 - 03/2000

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$152,020.00

**Grant Detail:** Study resulted in one publication and one presentation.

**Project #:**

**Funding Agency:** Sandoz

**Title:** Prospective, randomized, comparative, multicenter safety and tolerability study of Neoral vs. sandimmune in primary liver transplant patients

**Status:** Complete

**Period:** 07/1994 - 06/1995

**Role:** Co-Investigator

**% Effort:**

**Total Costs:** \$12,500.00

**Grant Detail:**

## **State**

**Project #:**

**Funding Agency:** Academic Informatics

**Title:** Use of surgical video as a tool to standardize medical student teaching in the operating room

**Status:** Active

**Period:** 05/2004 - Present

**Role:** Co-Investigator  
**Total Costs:** \$2,400.00

**% Effort:**

**Grant Detail:** This grant resulted in a surgical teaching video for residents and medical students.

## SERVICE

### PATIENT CARE:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
01/1999-10/2000	Outpatient	Patient Service: Christus Santa Rosa Children's Hospital	Attending Physician
		<i>Conducted a pediatric surgical clinic involving the pre and postoperative management of children with general surgical issues. This was done in conjunction with a case manager and pediatric residents.</i>	
01/1995-10/2000	Inpatient	Patient Service: University Hospital	Director
		<i>Director of General Pediatric Surgery. Entailed the comprehensive management of all general pediatric surgical issues at University Hospital including the ward, pediatric intensive care unit, neonatal intensive care unit, and emergency ward.</i>	
01/1995-10/2000	Inpatient	Patient Service: University Hospital	Director
		<i>Director of Pediatric Abdominal Organ Transplants. Entailed the comprehensive management of all children undergoing kidney, liver, and multivisceral transplantation.</i>	
01/1995-10/2000	Inpatient	Patient Service: University Hospital	Other
		<i>Surgical Co-Director of the Pediatric Intensive Care Unit. Entailed the comprehensive management of pediatric surgical patients in the intensive care unit and the development of new clinical pathways. It also involved education programs to physicians in South Texas to make them knowledgeable of capabilities at University Hospital.</i>	
01/1995-10/2000	Inpatient	Patient Service: University Hospital	Director
		<i>Surgical Director of the Neonatal Intensive Care Unit. Entailed the comprehensive management of pediatric surgical patients in the intensive care unit and the development of new clinical pathways. It also involved education programs to physicians in South Texas to make them knowledgeable of capabilities at University Hospital.</i>	
01/1995-10/2000	Outpatient	Patient Service - Director, Pediatric Surgical Clinic	Director
		<i>Director of Pediatric Surgical Clinic at the University Health Center-Downtown. Primary surgeon to evaluate children with surgical issues. This involved the care of patients together with a nurse case manager, surgical residents, pediatric residents, and medical students.</i>	
01/1995-10/2000	Outpatient	Patient Service: Director, Pediatric Surgical Clinic	Director
		<i>Director of Pediatric Surgical Clinic at the University Children's Clinic. Primary surgeon to evaluate children with surgical issues in a private setting. This involved the care of patients together with a</i>	

nurse case manager, surgical residents, pediatric residents, and medical students.

01/1995-10/2000      Outpatient      Patient Service: Surgical Director, Pediatric      Director  
Kidney Transplant Clinic

*Surgical Director of Pediatric Kidney Transplant Clinic. This involved the preoperative evaluation of pediatric patients for cadaveric and living related kidney transplantation. It also involved their postoperative surgical care. This was done in conjunction with transplant coordinators, nephrologists, pediatric and surgical residents.*

01/1995-10/2000      Outpatient      Patient Service: Director, Pediatric Liver      Director  
Transplant Clinic

*Director of Pediatric Liver Transplant Clinic. This involved the preoperative evaluation of children for cadaveric and living related liver transplantation. It also involved their postoperative care. This was done in conjunction with transplant coordinators, nephrologists, pediatric and surgical residents.*

01/1995-10/2000      Outpatient      Patient Service: Director, Small Bowel      Director  
Transplant Clinic

*Director of Small Bowel Transplant Clinic. This involved the preoperative evaluation of children with life threatening short bowel syndrome. It also involved their postoperative care. This was done in conjunction with transplant coordinators, gastroenterologists, pediatric and surgical residents.*

01/1995-10/2000      Outpatient      Patient Service: Primary Surgeon      Other

*Pediatric Dialysis Access Clinic. A primary surgeon to evaluate children for vascular or peritoneal access for dialysis. It also involved their postoperative care.*

01/1995-10/2000      Inpatient      Patient Service: Christus Santa Rosa      Attending  
Children's Hospital      Physician

*(1) Performed general pediatric surgery; (2) a primary surgeon for all general pediatric surgical issues; (3) a primary surgeon for Extracorporeal membrane oxygenation; (4) conducted daily rounds in ICUs and on floors with surgical resident and medical students; (5) Surgical Director for Pediatric Trauma*

01/1995-10/2000      Inpatient      Patient Service: Christus Santa Rosa      Attending  
Northwest      Physician

*(1) Performed operations for live kidney donation and kidney transplantation; (2) conducted rounds with urology residents on live kidney donors and recipients*

01/1995-10/2000      Outpatient      Patient Service: Christus Santa Rosa      Attending  
Northwest      Physician

*Adult Kidney Transplant Clinic. (1) a primary surgeon to evaluate patients for live kidney donation and transplantation; (2) a primary surgeon for perioperative management of live kidney donation and transplantation.*

01/1995-Present      Inpatient      Patient Service: University Hospital      Attending  
Physician

*Conducted daily rounds in ICUs and on floors with surgical residents, medical students, physician's assistants, transplant coordinators, pharmacists, nutritionists, and social workers on: (1) pediatric liver transplant candidates and recipients; (2) pediatric kidney transplant candidates and recipients; (3) pediatric general surgical patients; (4) pediatric neonatal patients; (5) pediatric dialysis patients;*

(6) patients with chronic renal and hepatic disease who require surgical management; and (7) trauma consultant for pediatric patient.

**SERVICE TO GOVERNMENT:**

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
01/2004-Present	State Government	Texas State Guard (Texas Medical Rangers)	Advisor
02/2003-12/2007	Federal Government	The President's Committee on the National Medal of Science	Committee Member
01/2002-Present	State Government	The Governor's Council on Science & Biotechnology Development, State of Texas	Council Member
11/2001-10/2006	Federal Government	Secretary of Health & Human Services' Advisory Council on Public Health Preparedness	Council Member
01/2001-01/2003	Local Government	Brooks Development Authority Board of Directors	Board of Directors

**SERVICE TO THE PROFESSION:**

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
08/2008-Present	State	Texas Higher Education Coordinating Board Special Item Review Work Group  <i>Texas Higher Education Coordinating Board Special Item Review Work Group</i>	Member
07/2008-06/2011		At-large member, University Council, Yale University  <i>At-large member of the University Council, Yale University</i>	Member at Large
06/2008-Present	State	Texas Public Education Reform Foundation  <i>Texas Public Education Reform Foundation Steering Committee -- Commitment to Excellence</i>	Committee Member
02/2006-01/2007	State	The University of TX System Board of Regents' Advisory Committee on the Selection of a President for the University of Texas Medical Branch at Galveston  <i>The University of TX System Board of Regents' Advisory Committee on the Selection of a President for the University of Texas Medical Branch at Galveston</i>	Advisory Committee Member
01/2006-Present	National	Member of the American Board of Internal Medicine Foundation's Medical Professionalism Working Group on Managing Medical Resources	Committee Member

03/2003-11/2003	State	The University of Texas System Board of Regents' Advisory Committee on the Selection of a President for UT Arlington	Advisory Committee Member
01/2003-Present	National	Association of Academic Health Centers, Member Council on Research & Science	Member
01/2003-Present	State	Texas-United Kingdom Collaborative Research Initiative's Texas Advisory Committee	Committee Member
02/2002-09/2002	State	The University of TX System Board of Regents' Advisory Committee on the Selection of a President for UTHSC-Tyler	Advisory Committee Member
01/2001-Present	State	Texas International Education Consortium Board of Directors	Board of Directors
01/1997-01/1999	Local	"Pediatric News and Update" Quarterly Newsletter Editorial Board	Editorial Board Member
01/1996-01/1999	State	Transplants for Children Board of Directors Advisory Board	Board of Directors
01/1996-01/1998	Local	Pediatric Subcommittee of the Emergency Health Care Advisory Committee	Committee Member

**SERVICE TO THE PUBLIC:**

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
01/2009-12/2009	Health Education	The Academy of Medicine, Engineering and Science of Texas (TAMEST)	Executive Committee Member
<i>Executive Committee of the TAMEST Board of Directors</i>			
06/2008-Present	Health Education	San Antonio Sports Foundation	Member
<i>San Antonio Sports Foundation</i>			
04/2008-Present	Community	P-16 Plus Council of Greater Bexar County	Member
03/2008-Present	Community	Board of Directors, P16Plus Council of Greater Bexar County Foundation, Inc.	Board of Directors
<i>P16Plus Council of Greater Bexar County Foundation, Inc.</i>			
03/2008-Present	Community	"911 Keeping Faith, Keeping Freedom" Committee	Committee Member
03/2008-Present	Health Education	Senator Kay Bailey Hutchison Policy	Committee



		Project - Education Committee	Member
01/2008-12/2008	Community	Greater San Antonio Chamber of Commerce	Chair
		<i>Chairman, Board of Directors</i>	
09/2007-Present	Community	San Antonio Community-Military Council	Council Member
		<i>San Antonio Community-Military Council</i>	
01/2007-01/2008	Community	San Antonio Economic Development Foundation Executive Committee Member	Executive Committee Member
		<i>San Antonio Economic Development Foundation Executive Committee Member</i>	
01/2007-Present	Health Education	The Academy of Medicine, Engineering and Science of Texas	Board of Directors
		<i>The Academy of Medicine, Engineering and Science of Texas (TAMEST)</i>	
09/2006-Present	Community	San Antonio Lighthouse for the Blind Leadership Advisory Council	Advisory Council Member
		<i>San Antonio Lighthouse for the Blind Leadership Advisory Council</i>	
05/2006-08/2006	Community	Alamo Community College District Chancellor Search Committee	Member
		<i>Alamo Community College District Chancellor Search Committee</i>	
01/2006-10/2006	Health Education	Honorary Member of Host and Planning Committee, Hispanic Association of Colleges & Universities 20th Annual Conference	Committee Member
01/2005-Present	Health Education	Healthcare & Bioscience Development Corporation Executive Committee	Executive Committee Member
01/2005-Present	Community	Our Journeys/Our Stories: Portraits of Latino Achievement Exhibition Local Committee of Honor	Committee Member
01/2005-Present	Community	The Tejano Monument at the Capitol Steering Committee	Member
01/2004-Present	Health Education	Council of Public University Presidents and Chancellors' State Affairs Committee	Council Member
		<i>Council of Public University Presidents and Chancellors' State Affairs Committee</i>	
01/2004-Present	Community	McNay Art Museum Building & Grounds Committee	Committee Member

01/2004-Present	Community	United Way of San Antonio and Bexar County General Campaign Committee	Committee Member
01/2003-12/2005	Community	YMCA of San Antonio & the Hill Country Board of Governors	Board Member
01/2003-Present	Community	Greater San Antonio Chamber of Commerce Executive Committee	Executive Committee Member
01/2003-Present	Health Education	San Antonio Medical Foundation Health Issues Committee	Committee Member
01/2003-Present	Community	The Philosophical Society of Texas <i>Associate Member of the Philosophical Society of Texas</i>	Member
01/2002-12/2008	Community	San Antonio Hispanic Chamber of Commerce Board of Directors	Board of Directors
01/2002-12/2007	Community	San Antonio Technology Acceleration Initiative Board of Directors	Board of Directors
01/2002-01/2004	Community	St. Mary's University Board of Trustees	Member
01/2002-01/2004	Community	St. Mary's University Academic Affairs Committee	Committee Member
01/2002-01/2003	Community	Mayor's Council on Physical Fitness, "Fit City Initiative," City of San Antonio	Council Member
01/2002-Present	Community	American Heart Association Advisory Committee	Member
01/2002-Present	Health Education	Cancer Therapy & Research Center Executive Committee	Executive Committee Member
01/2002-Present	Health Education	Ford Motor Company "Salud Sobre Ruedas" Review Panel	Panel Member
01/2002-Present	Community	Greater San Antonio Chamber of Commerce Board of Directors	Board of Directors
01/2002-Present	Community	McNay Art Museum Board of Trustees	Other
01/2002-Present	Community	Nonprofit Resource Center of Texas' "Giving Thanks! for the Spirit of Philanthropy" Host Committee	Committee Member
01/2002-Present	Community	The Rotary Club of San Antonio	Member

08/2001-05/2007	Health Education	St. Mary's Hall Board of Trustees	Member
01/2001-01/2004	Community	St. Mary's Hall Admissions/College Placement/Scholarship Committee	Committee Member
01/2001-01/2004	Community	St. Mary's Hall Boarding Committee	Committee Member
01/2001-01/2004	Community	St. Mary's Hall Education Committee	Committee Member
01/2001-01/2003	Health Education	Southwest BIO Venture Conference & Symposium Steering Committee	Committee Member
01/2001-01/2002	Community	American Heart Association Board of Directors	Board of Directors
01/2001-Present	Community	American Heart Association Corazones Unidos, Pueblo Unido Gala	Co-Chair
01/2001-Present	Patient Care Community	Bexar County Medical Society Board of Directors	Board of Directors
01/2001-Present	Health Education	Cancer Therapy & Research Center Board of Governors	Board Member
01/2001-Present	Community	San Antonio Civic Committee for Hosting National Conferences of State Legislatures	Committee Member
01/2001-Present	Patient Care Community	San Antonio Medical Foundation Board of Trustees	Member
01/2001-Present	Patient Care Community	Southwest Research Institute Board of Trustees	Member
01/2001-Present	Health Education	Texas Research and Technology Foundation Board of Trustees	Member
01/2001-Present	Community	The FEMAP Foundation Honorary Advisory Board	Member
01/2001-Present	Community	The Joseph R. Long & Teresa Lozano Long Foundation Board of Directors	Board of Directors
01/2001-Present	Community	United Way of San Antonio and Bexar County Board of Trustees	Trustee
10/2000-Present	Community	University Health System Board of Managers	Board Member

*University Health System Board of Managers*

10/2000-Present	Community	University Health System Foundation Board	Board Member
<i>University Health System Foundation Board</i>			
01/2000-Present	Health Education	Free Trade Alliance San Antonio Board of Directors	Board of Directors
01/2000-Present	Health Education	Southwest Foundation for Biomedical Research Board of Trustees	Member
01/1998-01/1999	Patient Care Community	Physician Oncology Education Program	Guest Lecturer
01/1996-01/1999	Community	American Heart Association Hispanic Outreach Task Force	Member
01/1996-Present	Community	American Heart Association Hispanic Outreach Task Force	Chair

**PROFESSIONAL AFFILIATIONS:**

**Dates**

**Organization**

02/2008-Present

American Society of Transplant Surgeons

10/2006-Present

The National Academy of Sciences Institute of Medicine

***Additional Details:*** *Member of the Institute of Medicine, The National Academy of Sciences*

09/2006-Present

Academia Nacional de Medicina de Mexico

***Additional Details:*** *Honorary membership in the National Academy of Medicine of Mexico*

06/2003-Present

The Johns Hopkins Medical and Surgical Association

01/2001-01/2003

National Hispanic Medical Association

01/2001-Present

Texas Surgical Society

01/2000-Present

Mexican American/Hispanic Physicians Association

01/2000-Present

UTHSCSA Hispanic Faculty Association

01/1999-12/2003

American College of Surgeons, South Texas Chapter

01/1999-Present

American College of Surgeons

01/1999-Present

Hispanic Medical Society, San Antonio

01/1998-01/1999

National Kidney Foundation

01/1998-Present	American Pediatric Surgical Association
01/1998-Present	Massachusetts General Hospital Surgical Society
01/1997-01/1999	Texas Society of Pediatric Surgeons
01/1997-Present	Texas Transplantation Society
01/1996-01/1999	San Antonio Surgical Society
01/1996-01/1997	San Antonio Pediatric Society
01/1996-Present	American Medical Association
01/1996-Present	J. Bradley Aust Surgical Society
01/1996-Present	Bexar County Medical Society
01/1996-Present	Texas Medical Association
01/1996-Present	Texas Medical Foundation

**COMMITTEES (UTHSCSA Standing Committees):**

***UNIVERSITY***

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
09/1996-08/1999	Student Health Advisory Committee	Member

**COMMITTEES (OTHER):**

***DEPARTMENT***

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
01/1995-01/1999	Liver Transplant Patient Conference, The University of Texas Health Science Center at San Antonio, Medical, Surgery	Member
01/1995-01/1999	Pediatric Renal Transplant Patient Conference, The University of Texas Health Science Center at San Antonio, Medical, Pediatrics	Member

***HOSPITAL***

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
01/1999-12/1999	Pediatric Trauma Committee, Christus Santa Rosa Hospital	Member
01/1999-12/1999	Nursing Transplantation Education Committee	Member
01/1997-01/1999	Surgery Policy Committee, Christus Santa Rosa Hospital	Member
01/1997-01/1999	Morbidity and Mortality Committee, Christus Santa Rosa Hospital	Member

01/1995-01/1999	Mortality Review Committee, University Hospital	Member
01/1995-01/1999	Surgical Co-Director PICU, University Hospital	Member

**OTHER**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
09/2007-12/2007	San Antonio Hispanic Chamber of Commerce 79th Annual Installation Banquet C	Member
<i>Elected to serve as a member of the SAHCC 79th Annual Installation Banquet Committee.</i>		

**SCHOOL**

<u>Dates</u>	<u>Committee</u>	<u>Role</u>
01/2000-12/2000	Search Committee for Chairman of Radiology, The University of Texas Health Science Center at San Antonio, Medical, Department of Radiology	Member
01/1996-12/1996	Search Committee for Chairman of Pediatrics, The University of Texas Health Science Center at San Antonio, Medical, Department of Pediatrics	Member

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