

CURRICULUM VITAE
EDUARDO A. SANTIAGO DELPIN
Update 10.21.21.2021

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CURRICULUM VITAE
EDUARDO A. SANTIAGO-DELPIN, BS, MD, MS, FACS

PLACE OF BIRTH	Santurce, Puerto Rico
DATE OF BIRTH	September 18, 1941
CITIZENSHIP	United States of America
EDUCATION	High School. 1954-58, Academia Santa Mónica Santurce, Puerto Rico B.S., 1958-61, University of Puerto Rico Río Piedras, Puerto Rico, BS diploma 1962 Military: US Air Force ROTC, UPR, 1958-1960: 1st lieutenant USAF Reserve (Medical) 1966 Hon. Discharge 1967 M.D., 1961-65, University of Puerto Rico Medical School, San Juan, Puerto Rico Internship: Rotating, 1965-66, University of Puerto Rico Hospitals Río Piedras, Puerto Rico Residency: General Surgery, 1966-70 University of Puerto Rico Hospitals Río Piedras, Puerto Rico Post-Grad: Transplantation Surgery/Immunobiology, 1970-72 University of Minnesota, Minneapolis, Mentors Najarian, Simmons Master in Science: Experimental Surgery (Immunology): 1970-73, University of Minnesota, Minneapolis, Mentors Najarian, Yunis
FELLOWSHIPS	Cancer Fellow, American Cancer Society, 1968-1969, University Hospitals, Río Piedras, Puerto Rico Special Research Fellow, National Institutes of Health, 1971-72 University of Minnesota, Minneapolis, Minnesota
LICENSURES AND BOARDS	1. National Board of Medical Examiners, 1966 2. Commonwealth of Puerto Rico, Medicine, 1967 lic 2970 3. American Board of Surgery, 1971, lic 17648 4. Washington, District of Columbia, 1976, lic MD8551 (until 2014) 5. American Society of Transplant Surgeons, 1976 6. Commonwealth of Puerto Rico, Specialty and Subspecialty, 1984
RETIREMENT	Retired from Surgery, Transplantation and Administration, 2012

ACADEMIC POSITIONS

1. Instructor in Basic Sciences, Section of Vocational and Technical Education, Department of Education, Commonwealth of Puerto Rico, 1969.
2. Instructor in Surgery, University of Puerto Rico, Medical School, 1970-72.
3. Research Assistant, Department of Surgery, University of Minnesota, 1970-71.
4. Assistant Professor of Surgery, University of Puerto Rico Medical School, 1972-77.
5. Director, F L Surgical Research Laboratories, University of Puerto Rico Medical School, 1972-1977.
6. Founder and Director, Puerto Rico Transplant Programs, first at San Juan VA and subsequently at Auxilio Mutuo Hospitals, and UPR Medical School, 1972-2013.
7. Founder and Medical Director, Histocompatibility Laboratory, San Juan Veterans Administration Hospital, 1977-81.
8. Associate Professor of Surgery, Universidad Central del Caribe, Escuela de Medicina de Cayey, 1977-82
9. Associate Professor of Surgery, University of Puerto Rico Medical School, 1977-82.
10. Associate Research Professor of Pathology, University of Puerto Rico, Medical School, 1977-1982.
11. Founder and first Medical Director, Histocompatibility Laboratory, University of Puerto Rico Medical School, 1981-83.
12. Professor of Surgery, University of Puerto Rico Medical School, 1982 -
13. Professor of Pathology, University of Puerto Rico, Medical School, 1982-1991; 1994-1998.
14. Associate Dean for Biomedical Sciences, University of Puerto Rico Medical School, 1988-1990.
15. Director of Graduate Programs, University of Puerto Rico Medical School, 1988-1990.
16. Program Director, Minority Biomedical Research Support Grant, NIH/UPR, 1988-1990.
17. Chairman, Department of Surgery, University of Puerto Rico Medical School, 1990-1993.
18. Distinguished Professor of the University of Puerto Rico, 2006.
19. Research Mentor, Undergraduate Biology, University of Puerto Rico, 2010-2013.
20. Interim Director, Immunogenetics Laboratory, Auxilio Mutuo Hospital, 2010-2012

OTHER APPOINTMENTS: LOCAL, NATIONAL, INTERNATIONAL,

1. Junior Clinical Investigator, Davis & Geck, Co., Polyglycolic Acid Suture Studies, 1968-69.
2. Chief Resident in Surgery, University Hospital, University of Puerto Rico, 1969
3. Co-Investigator, University of Minnesota Anti-Lymphocyte Globulin Project, 1972-1992
4. Clinical Investigator, Burroughs Wellcome, Co., Intravenous Azathioprine Studies, 1973-74.
5. Vice Chairman, Institutional Review Committee for Human Experimentation, UPR, 1973-1976.
6. Coordinator, Cancer Immunology Section, Comprehensive Cancer Center, UPR Medical School, 1973-1976.
7. Investigator, Burroughs Wellcome, Co., Intravenous Allopurinol Non-Human Studies, 1974-1975.
8. Investigator, W.L. Gore, Associates, Gore-Tex Graft Studies, 1975-1976.
9. First Chairman, Human Cadaver, Organ and Tissue Board of Puerto Rico, 1975-1977.
10. Investigator, Minnesota Anti-Lymphocyte Globulin, 1977 at VA, 1983-1990 at Auxilio
11. Consultant in Histocompatibility, Laboratory Service VA Hospital, San Juan, 1979-1983.
12. Board of Directors, South- Eastern Organ Procurement Foundation, 1978-1985 and 1995
13. Organ Preservation Committee, South-Eastern Organ Procurement Foundation, 1978-1981.
14. Scientific Projects and Publications Committee, Southeastern Organ Procurement Foundation, 1980-1981.
15. President, Puerto Rico Kidney Foundation, 1980-1981 and 1988-92.
16. Co-Founder, with Dr Vazquez-Quintana, F.L. F.L Surgical Research Forum and Honor Lecture, American College of Surgeons, Puerto Rico Chapter, 1980.
17. Coordinator, F.L. Raffucci Surgical Research Forum and Honor Lecture, American College of Surgeons, Puerto Rico Chapter, 1981-1994.
18. Secretary-Treasurer, F.L. Raffucci Surgical Education Foundation, 1982-1984.
19. Board of Directors, F.L. Raffucci Surgical Education Foundation, 1982-1994.
20. President, American College of Surgeons, Puerto Rico Chapter, 1984-1985.
21. United Network for Organ Sharing, 1984-2013.
22. Vice-Chairman, ESRD Kidney Network Council, PR & Virgin Islands, 1985-1990.
23. Transplant Consultant, San Juan VA Hospital, 1985-1987.
24. Founder, Special Immunosuppressor Program, PR Renal Council, 1985.
25. Co-founder (1985) and President, Transplant Society professional society, 1985-2013.
26. Co-founder (1985) and President, Sociedad Panamericana de Diálisis y Trasplante, 1989-1992
27. President Second Pan American Transplant Congress, San Juan, PR, 1989.
28. Councillor, Society for Organ Sharing, 1989-1995.
29. Board of Directors, Museo y Archivo de las Ciencias de la Salud de Puerto Rico, 1989.
30. Foreign Relations Committee, United Network for Organ Sharing, 1989-93 and 1995-2005 (President 2000-2002, *Ex-officio* 2003-2004).
31. Ethics Committee, Transplantation Society, 1990-2004.
32. By-Laws Committee, American Society of Transplant Surgeons, 1990-93 (Chairman, 1992-93)
33. Transplant Advisory Board, The Partnership for Organ Donation, Boston, 1991-2000.
34. Secretary, Western Hemisphere, The Transplantation Society 1992-1996.
35. Co-Founder and Director (with V. Duro, Brazil), Latin American Transplant Registry 1990 – 2001.
36. Chairman, Steering Committee for the Integration of the Pan American and Latin American Transplantation Societies, 1992-1999.
37. Vice President, Western Hemisphere, International Society for Organ Sharing, 1995- 2003.

38. Advisory Board, Instituto de Bioética, Universidad de Puerto Rico, 1995 - 1999.
39. Vice-President, Federación IberoAmericana de Trasplante, 1996.
40. Treasurer, Western Hemisphere, Transplantation Society 1996-1998. Re-elect 1998-2002.
41. Co-founder (1999), and Secretary General, Sociedad de Trasplante de América Latina y el Caribe, 1999 – 2003.
42. Custodian, Treasury Funds, Sociedad de Trasplante de America Latina y el Caribe, 1999-**to date**
43. Founding President, Sociedad Puertorriqueña de Trasplante, 2007-
44. Historian *pro tempore*, Sociedad de Trasplante de America Latina y el Caribe, 2010
45. Director-in-training and Clinical Consultant (by ASHI), Immunogenetics Laboratory, Auxilio Mutuo Hospital, 2010-2012
46. Temporary Director (by Auxilio) Immunogenetics Laboratory, Auxilio Mutuo Hospital, 2010-2012
47. Board of Directors, Puerto Rico Kidney Foundation, 2010-
48. First Historian, Sociedad de Trasplante de America Latina y el Caribe, 2011-
49. Comisión Directiva, Sociedad de Trasplante de America Latina y el Caribe, 2011-
50. Co-Editor-Colaborador, Ensayos de Bioética – una perspectiva puertorriqueña, Vol 2, Marlen Oliver Vazquez, Editora

EDITORIAL BOARD POSITIONS:

1. Boletín Asociación Médica de Puerto Rico, 1972-77, 1993-1999 and 2004 - **to date**
2. Buhiti, Universidad de Puerto Rico, 1977 and 2014 **to date**
3. Puerto Rico Health Sciences Journal, 1980-84, and 2006- **to date**
4. Transplantation Proceedings, Abstract Section 1982-1990, and Advisory Board 1990-2012 and 2014 **to date**, Reviewer 2013, Outstanding reviewer status (10th percentile) 2016
5. Latin American Transplant Registry Reports, Editor, 1991-2006
6. Latin American Transplant Registry Reports, Assistant Editor, 2006-**to date**
7. Editorial Board, Editorial Universitaria, Universidad de Puerto Rico, 1989-2001
8. Nefrología Mexicana, 1990
9. Transplant International (The Netherlands) Reviewer 1992-94, and Advisory Board, 1994-2011.
10. Clinical Transplantation (Minneapolis), Reviewer, 1993-95, and Board 1996-2011.
11. Revista Sociedad Médicos Graduados UPR, 1993-94.
12. Nefrología Latinoamericana, (Venezuela), Reviewer 1993-1994, Advisory Board 1994-1999, Associate Editor 1998, Consulting Editor 1999.
13. Medicina Moderna (Perú), International Advisory Board 1993.
14. Journal of Transplantation in Developing Countries (India), Advisory Board, 1995-2000.
15. Trasplantes (Argentina), 1997.
16. Journal of Investigative Surgery, Editorial Board, 2002 – 2008.
17. American Journal of Transplantation, Reviewer, 2003.
18. Transplantation, Reviewer, 2007, 2015
19. Boletín Sociedad de Trasplante de América Latina y el Caribe, Associate Editor, 2010
20. Transplantation Reports (Elsevier), Editorial Board, 2015.

SOCIETIES AND ORGANIZATIONS, *including Office, Foundational and Directive Positions*

1. Student American Medical Association, 1962 (Chapter President, 1964-65).
2. Phi Chi Medical Fraternity, 1963 (Secretary 1964-65)
3. Alpha Omega Alpha Honor Medical Society, 1963 (Chapter President 1964-65).
4. Asociación Médica de Puerto Rico, 1965
5. American Medical Association, 1965.
6. Sociedad de Médicos Graduados de la Universidad de Puerto Rico, 1965.
7. American College of Surgeons, Candidate Group, 1968-75.
8. Association for Academic Surgery, 1970, (Senior Member, 1982).
9. American Society of Artificial Internal Organs, 1972.
10. International Society of Nephrology, 1972. Reactivated 2003
11. Sociedad Médica Distrito Este, 1972-1982.
12. Surgical Section, Asociación Médica de Puerto Rico, 1973.
13. American Federation for Clinical Research, 1973.
14. Owen H. Wangenstein Surgical Education Foundation, 1973.
15. Sociedad LatinoAmericana de Nefrología, 1974.
16. American Society of Transplant Surgeons, 1974 (Several committees, President By-Laws committee 1992, President Foreign Relations Committee 1994? creo).
17. European Dialysis and Transplant Association, 1974.
18. The Transplantation Society, 1974 Secretary Western Hemisphero 1992-96, Western Hemisphere 1996-2002) (plus, Several committees including Ethics, Nominations, Medawar Prize, Education, Treasurer Transition Committee, International Public Relations, Congress Organizing, etc.
19. American Association for the Advancement of Science, 1974.
20. Kidney Foundation of Puerto Rico (Charter Member, 1975; President 1979-82, 1987-90; Board of Directors 2010-to date).
21. National Society for Medical Research, 1975.
22. Society for Experimental Biology and Medicine, 1976.
23. Fellow, American College of Surgeons, 1976, (President, PR Chapter, 1984-85).
24. Southern Society for Clinical Investigation, 1978-1987.
25. Southeastern Organ Procurement Foundation, 1977 (various Committees)
26. New York Academy of Sciences, 1979.
27. Society of University Surgeons, 1980, (Senior Member 1992).
28. Sigma Xi Scientific Research Society, Associate, 1981; Full Member, 1984.
29. Société Internationale de Chirurgie, 1981 and 1993.
30. F.L. Raffucci Surgical Education Foundation (Founder 1974 and President 1975-94).
31. International Society of Developmental Biologists, 1983.
32. Sociedad Puertorriqueña de Medicina Crítica, (Charter Member 1983; President 1989).
33. Sociedad Puertorriqueña de Alergia e Inmunología, (Founding Member, 1984).
34. American Association of Immunologists, 1985.
35. Pan American Medical Association, 1985.
36. Transplant Society, a Professional Society, 1985 (Founding Member and President 1985-2012)
37. Biology Club, 1987 (-1992)
38. International Society for Organ Sharing (International Scientific and Preservation Committee which led to Charter Member/Founding Committee 1987, Constitutional Committee 1987, Councillor 1991, Vice President Western Hemisphere, 1995-2001).

39. Sociedad Panamericana de Diálisis y Trasplante (Founding Member, 1988; President, 1989-92; Coordinator Committee for the fusion with Latin American Transplantation Society, 1993-1999).
40. Lillehei Surgical Society, 1989.
41. Sociedad de Cirujanos Vasculares de Habla Hispana, 1989
42. Latin American Transplant Registry, (Founder with Dr. Valter Duro Garcia, 1990; Director 1990-2001, Co-Editor to date, 2020)
43. Pilot Group for Transplantation In Developing Countries, Council, 1991,1992
44. Corresponding Member, Argentinian Society of History of Medicine, 1993
45. Corresponding Member, Peruvian Transplantation Society, 1994.
46. Fellow, American Surgical Association, 1995.
47. Society for Mucosal Immunology, 1996.
48. Federación IberoAmericana de Trasplante (Founding Member; Vice-President, 1996).
49. Academia Puertorriqueña de la Lengua Española, 1997.
50. Sociedad Literaria de Escuelas de Medicina (SOLEM) (Dr. Aguiló), 1998.
51. Academia Científica y de Cultura IberoAmericana, Academico de Numero, 1999.
52. Sociedad de Trasplante de América Latina y el Caribe.(Founding Member 1999, Secretary General 1997-2003, Historian 2011-).
53. HispanoAmerican Biomedical Association, 1999.
54. Sociedad de Escritores Médicos “Pedro Larios Aznar” (Founding Member), 1999.
55. Real Academia Española, Corresponding Member, 1999
56. Real Academia de la Medicina de Cataluña, Honorary Member, 2001.
57. Academia de Artes y Ciencias de Puerto Rico, Member, 2005.
58. Academia Humanística de la Medicina, (Founding Member), 2007.
59. Sociedad Puertorriqueña de Trasplante (Founding President), 2007.
60. American Society for Histocompatibility and Immunogenetics, Full Doctoral Member, 2011.
61. History Section, Academia Humanistica de la Medicina (Founding Member), 2012
62. Honorary Member, Centro Latino de Bioetica y Humanidades, January 2016
63. Member, Instituto de Historia de Ciencias de la Salud (IHICIS), 2018

AWARDS, HONORS, AND RECOGNITIONS, including Honorary Memberships:

1. Magna Cum Laude, B.S. Degree, 1961.
2. Pfizer Award in Bacteriology, UPR, 1962.
3. Avalon Foundation Fellowship, 1962.
4. Avalon Foundation Fellowship, 1963.
5. Alpha Omega Alpha Honor Medical Society, 1963. (President 1964-65).
6. High Honor Graduate, MD Degree, 1965.
7. Alumni Medal in Medicine and Leadership, UPR, 1965.
8. Isaac González Martínez Prize in Cancer, UPR, 1965.
9. American College of Surgeons Award, UPR, 1965.
10. Dr. José A. Belaval Medal in OB-Gyn, UPR, 1965.
11. Borden Prize in Public Health, UPR, 1965.
12. C.V. Mosby Scholarship Award, UPR, 1965.
13. Lange Medical Publication Award, UPR, 1965.
14. Honorary Member, Nephrology Section, Puerto Rico Medical Society, 1973.
15. Purdue Research Prize (with Dr. Abel Gonzalez), PR Medical Society Congress, 1974.
16. Gold Medal Award (with Dr. Iván Figueroa), Southeastern Surgical Congress, 1975.
17. Purdue Research Prize (with Dr. Phillip Lowry), PR Medical Society Congress, 1975.
18. Purdue Research Prize (with Dr. Alber Suarez), PR Medical Society Congress, 1975.
19. Honorary Member, Association of Hemodialysis Technicians of Puerto Rico, 1976.
20. Gold Medal Award (with Dr. Phillip Lowry), Southeastern Surgical Congress, 1976.
21. Purdue Research Prize (with Dr. Victor Vivoni), PR Medical Society Congress, 1976.
22. Purdue Research Prize (with Dr. Tere Aviles), PR Medical Society Congress, 1976.
23. Science Prize, Ten Outstanding Young Men in Puerto Rico, Junior Chamber of Commerce, 1977.
24. Special recognition for above prize, House of Representatives, Government of Puerto Rico, 1977.
25. Special Resolution (#261) for above, Senate, Government of Puerto Rico, 1978
26. Keynote Speaker, II Annual "José Gelabert Lecture", Ponce, PR, Oct 1981.
27. Dedication of First Student Congress on Scientific Research, University of Puerto Rico, Medical Sciences Campus, Dec 12, 1982.
28. Honor Speaker, BBB Honor Society, San Juan, PR, Oct. 1985.
29. Honor Speaker, Alpha Omega Alpha Honor Medical Society, San Juan, PR, 1987.
30. Honorary Member, Central American Society of Nephrology, 1988.
31. Dedication of Fifth Congress of the Puerto Rican Society for Critical Care Medicine, 1988.
32. Lydia J. Roberts Distinguished Lecturer, 1988.
33. Graphic Arts Prize to Pedro Larios Aznar for Book "Trasplante de Organos", Santiago and Ruiz editors, Cámara Nacional de la Industria Editorial Mexicana, México, 1988.
34. Commencement Speaker, 25th Graduation, University of Puerto Rico Medical Sciences Campus, June 1991.
35. Guest Discussant to William May, 5th Boyd Palmer Lecture, San German, PR, March 1991.
36. Catedra Nicolás Pichardo, Universidad Nacional Pedro Henríquez Ureña, Dominican Republic, 1993.
37. Honorary Member, Committee of Honor, International Training Courses on Transplant Coordination. Barcelona, Spain, 1994 annually to 2013.
38. Keynote Speaker, Alpha Omega Alpha Honor Medical Society, Universidad Central del Caribe, San Juan, PR, Oct 1994.
39. Keynote Speaker, 25th Anniversary of Transplantation in Peru, 1994.

40. Honor Speaker, V “Dra. Antonia Novello Honor Lecture”, San Juan, PR, Sept 1995.
41. Fellow, American Surgical Association, 1995.
42. Padre Rufo Prize, Academia de Artes y Ciencias IberoAmericana-Puertorriqueña, 1996.
43. Dr. Arturo L. Carrión Prize and Honor Lectureship, Sociedad de Microbiólogos de Puerto Rico, 1996.
44. Dr. Luis Sanjurjo Memorial Lecture, PR Urological Association, 1996
45. Elected Number Member, Academia Puertorriqueña de la Lengua Española (Puerto Rican Academy of Letters), 1997.
46. Recognition, Sociedad Dominicana de Nefrología, Republica Dominicana, 2008.
47. Special recognition, VI Central American Nephrology Congress, Santo Domingo, July 1998.
48. Académico de Número, Academia Científica y de Cultura Iberoamericana, 1999.
49. Corresponding Member, Real Academia Española (Royal Spanish Academy), Nov 19, 1999.
50. Homage for Transplant Services in Latin America, XV Transplant Congress, Canela, Brasil, 1999.
51. Recognition for contributions in Education in Critical Care Medicine, Asociacion Puertorriquena de Medicina Critica, Intensiva y Coronaria, 1999.
52. Recognition Resolution for academic and humanistic achievements, Board of Directors, Editorial de la Universidad de Puerto Rico
53. Doctor’s Choice Award, Buena Vida, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013
54. Profesor Destacado en las Artes y las Humanidades, Universidad de Puerto Rico, 2001.
55. Honorary Member, Real Academia de la Medicina de Cataluña (Royal Academy of Medicine of Catalunya), 2001.
56. First Prize (with Dr. Rafael Iglesias), Raffucci Surgical Research Forum, 2002.
57. Recognition, Instituto Dominicano de Trasplantes Renales, Dominican Republic, 2003.
58. Honorary Member, Colegio Dominicano de Cirujanos, 2004
59. Dedication of the First Gala Banquet of the Puerto Rican Kidney Foundation, June 2005.
60. Academia de Artes y Ciencias de Puerto Rico (Academy of Arts and Sciences of Puerto Rico), 2005.
61. Distinguished Professor, University of Puerto Rico, 2006
62. Coqui de Oro (Golden Coqui) bestowed by The Union of Women of the Americas, 2007;
63. Additional Special Recognition for above, Senate, Government of Puerto Rico, April 10, 2007
64. Recognition, Alumni Biomedical Sciences First Encounter, UPR Medical School, 2007.
65. Distinguished Alpha Omega Alpha of Puerto Rico, Special Recognition by the 3 PR Chapters Alpha, Beta and Gamma of AOA, 2008
66. Science Award, San Juan Rotary Club, May, 2008.
67. Humanitarian Award, Oriental Group/Buena Vida, June, 2008.
68. XXth Dr Boyd B. Palmer Memorial Lecture, Universidad Interamericana, San German, PR, Feb 28, 2009
69. Medal of the Order of the Knights of Our Lady Santa Maria de Buenos Aires, 2010.
70. First Prize poster, with Yamilka Alsina, World Congress Blood Utilization, San Juan, 2010
71. Latin American Transplant Pioneer Award, Sociedad de Trasplante de America Latina y el Caribe, 2011
72. American Society of Transplant Surgeons, Chimera Chronicles Achievement Honoree, Hollywood, FL, January, 2011, on line posting ASTS.org November 2015
73. Named Dedication of Puerto Rico Transplant Center, “Centro de Trasplantes Dr Eduardo A Santiago Delpin”, Auxilio Mutuo Hospital, San Juan, PR, Feb 28, 2013

74. Abelardo Diaz Alfaro Award for Humanities in Medicine, Academy of Family Physicians of Puerto Rico, San Juan, PR, April 21, 2013
75. Dedication of 54th Annual Convention, Sociedad de Medicos Graduados de la Escuela de Medicina de la Universidad de Puerto Rico (Alumni), San Juan, Aug 30-Sept 1, 2013
76. Special Recognition #1616, House of Representatives, Commonwealth of Puerto Rico, San Juan, August 19, 2013
77. Special Career Recognition, Sociedad de Trasplante de America Latina y el Caribe, XXII Congress, Buenos Aires, Argentina, December 3, 2013.
78. **Doctor Honoris Causa**, in Medical Education, Universidad Central del Caribe, San Juan, PR, June 7, 2014
79. Distinguished Visiting Professor, American British Cowdry Hospital, Mexico City, Mexico, April 19-25, 2015
80. Dedication of the second annual Jornadas Cientificas de Medicina (Feb-April 2016), Hospital Auxilio Mutuo, San Juan, February 2, 2016
81. Special Career Recognition, Sociedad de Trasplante de America Latina y el Caribe, XXIV Congress, Montevideo, Uruguay, Sept 6, 2017
82. Honorary President, XII Latin American Ethics Congress (FELAIBE), San Juan, PR, April 11-13, 2019

SELECTED VISITING LECTURESHIPS AND PROFESSORSHIPS:

1. Vanderbilt University and VA Hospital Transplant Service, Nashville, TN, May 1977.
2. Universidad Católica Madre y Maestra, Santiago, Dominican Republic, February 1978.
3. Visiting Professor of Microbiology & Immunology, Medical School, Cayey, 1978.
4. Participant, Conference on Nutrition and Immunology, Bellagio Study and Conference Center (Rockefeller Foundation), Villa Servelloni, Bellagio, Italy, July 28 - August 4, 1979.
5. Visiting Professor, Hospital Central Militar Escuela de Medicina Médica-Militar, Mexico City, Mexico, October, 1979.
6. Visiting Professor, Esc. Medicina Medicina-Militar, Mexico City, January, 1981.
7. Visiting Lecturer, Veterans Hospital, Wilkes-Barre, Pennsylvania, February, 1981.
8. Visiting Professor, Centro Nacional de Docencia e Investigación en Salud y Seguridad Social de Costa Rica, San José, Costa Rica, July 1987.
9. Visiting Professor, Hospital "Dr. Salvador Gautier", Instituto Dominicano de Seguros Sociales, Santo Domingo, Dominican Republic, November 1987.
10. Visiting Professor, Hospital del Seguro Social, Guatemala City, Guatemala, September 1988.
11. Visiting Lecturer, Sociedad Venezolana de Urología, Caracas, Venezuela, July, 1989.
12. Visiting Lecturer; Asociación de Nefrología de El Salvador, Sociedad Centro Americana de Nefrología, San Salvador, El Salvador, November, 1990.
13. Visiting Professor, Mexican Academy of Surgery, Post-Graduate Medical College, Mexico City, Mexico, February 1991.
14. Visiting Professor, Universidad Complutense, Madrid, Summer Course on Organ Transplantation, El Escorial, Spain, August, 1992.
15. Visiting Professor, Universidad Nacional Pedro Henríquez Ureña, Santo Domingo, Dominican Republic, April 1993.
16. Visiting Professor, Centro Médico Paitillas y Hospital Seguro Social, Panamá City, Panamá, July 1993.
17. Visiting Professor, Centro Hospitalario del Estado Mayor Presidencial, Mexico City, Mexico, September 1993.
18. Visiting Professor, Centro Médico Naval de Perú. Lima, Perú, 1994.
19. Visiting Professor, Hospital Militar, Caracas, Venezuela, 1995.
20. Visiting Professor, Nephrology Dept., Zulia University, Maracaibo, Venezuela, 2002.
21. Visiting Professor, American College of Surgeons, Mexico, 2006
22. University of Texas, Houston, Division of Transplantation and Immunology, 2007.
23. Visiting Professor, Transplant Center, Toronto General Hospital, Toronto, Ontario, 2007.
24. Visiting Professor, Transplant Center, Lahey Clinic, Boston, MA, 2010.
25. Visiting Professor, American British Cowdray Medical Center, Mexico City, Mexico 2011
26. Distinguished Visiting Professor, American British Cowdray Medical Center, Mexico City, Mexico, 2015
27. (Lost during editing were visits to Guatemala, Honduras, Nicaragua, El Salvador, Panama, Colombia, Argentina, Brazil, Bolivia, Ecuador, Lyon...)

COMMITTEES AND OTHER EXTRACURRICULAR ACTIVITIES (Puerto Rico, USA, and International)

1. Experimental Surgery Advisory Committee, University of Puerto Rico Medical School, 1972-1976.
2. Scientific Committee, Asociación Médica de Puerto Rico, 1972-1975.
3. Committee for Medical Education and Research, Puerto Rico Medical Center, 1973-75.
4. Committee on Kidney Disease in Puerto Rico, Puerto Rico State Board of Health, 1973-1975.
5. Internal Scientific Review Committee, Comprehensive Cancer Center, UPR Medical School, 1973-1979.
6. Hemodialysis and Transplant Committee, San Juan City Hospital, 1974-1976.
7. Human Cadaver, Organ and Tissue Board of Puerto Rico, 1974-1980 and 1996-1998
8. Organizing Committee for an International on Cancer Immunology, 1974-1975.
9. Research and Education Committee, San Juan Veterans Administration Hospital, 1974-1985.
10. Search Committee for Clinical Immunologist, Comprehensive Cancer Center, UPR Medical School, 1975-1976.
11. Kidney Disease Network Coordinating Council of Puerto Rico and Virgin Islands, 1974-81, 1985-90.
12. Ad Hoc Committee on Mission and Goals of the UPR Medical School, 1976.
13. Admissions Committee, Interviewer, UPR Medical School, 1976-
14. Advisory Committee to Clinical Research Center, UPR Medical School, 1976-79.
15. Transplant Committee, San Juan VA Center, 1977 - 1987.
16. Transplant Committee, Auxilio Mutuo Hospital, 1982-2012.
17. Search Committee for Anatomy Chairman, UPR Medical School, 1977.
18. Surgical Research Advisory Committee, UPR Medical School, 1977-80.
19. Medical Review Board - End-Stage Renal Disease, and Virgin Islands Network Council, 1977-80.
20. MD-PhD Program Committee, UPR Medical Sciences Campus, 1978.
21. Scientific Projects and Publications Committee, South Eastern Organ Procurement Foundation, 1979.
22. Committee on Research Week, UPR Medical Sciences Campus, 1979-1984.
23. Graduate Committee, UPR Medical School, 1979-1982; 1988-90.
24. Committee for Evaluation & Development of Graduate School in Basic Sciences, UPR Medical School, 1979.
25. Organizer (with Dr Rafael Ramirez Gonzalez), First Immunology Symposium in Puerto Rico: "Transplantation in Puerto Rico", November 1979.
26. Participant, International Workshop on Nutrition and Immunity, Sir Peter Medawar, Chair, Villa Serbelloni, Bellagio, Lago di Como, Italy, 1979.
27. Medical Information System Committee (Ad Hoc), ESRD Network Council, 1977-1980.
28. Organizer (with Dra Mria Santaella), Second Immunology Symposium of P.R.: "Clinical Immunology/Immunology in Puerto Rico", Nov. 1980.
29. Sub-Committee N.I.A.M.D., NIH Task Force Site Visit, 1980-81.
30. Institutional Research Committee, University of Puerto Rico Medical Sciences Campus, 1980-84.
31. Program Committee, Surgical Forum, American College of Surgeons Puerto Rico Chapter, 1981 - 1989.
32. Organizer, F.L. Raffucci Surgical Research Forums, 1981-1994 (founded with Dr. Vazquez-Quintana, 1980)
33. Member, Committee on Applicants, American College of Surgeons, P.R. Chapter, 1982-1992.

34. Organizer, *ad hoc* Committee for the Development of a Transplantation and Dialysis Registry for Puerto Rico, 1983.
35. Organizer (with Dra Zulma Gonzalez), Course on Renal Transplantation (3d Immunology), Auxilio Mutuo Hospital, 1983.
36. Consulting Organizer, Concepts of Renal Transplantation, Fifth Annual Renal Symposium, ESRD, San Juan, P.R., April 1983.
37. Coordinator (with Dra Zulma Gonzalez), Second Course on Renal Transplantation (4th Immunology), Auxilio Mutuo Hospital, 1983.
38. Organizer, Fifth Immunology Symposium of P.R.: "Immunosuppression for Organ Transplantation", Sept. 1984.
39. Coordinator, Immunology Seminar and Journal Club, UPR Medical School, 1983-1985.
40. Organizer, "Practical Aspects of Immunosuppression in Kidney Transplant Recipients - A Mini Course" (6th Immunology), San Juan, P.R., 1984.
41. Advisory Scientific Committee, Second International Symposium on Organ Procurement, The Transplantation Society, 1984-85 (Michigan 1985).
42. Program Committee, International Meeting on Nephrotoxicity, The Transplantation Society, 1984-85 (San Juan, March 1985).
43. Organizer, Seventh Immunology Course in P.R.: "Topics in Clinical Immunology", September 1985.
44. Scientific Committee, Sociedad Médicos Graduados, UPR, 1985-87.
45. Organizer, Eighth Immunology Course in P.R.: "Organ Transplantation, A Clinical Reality", November 1986.
46. Organizing Committee, Third International Symposium on Organ Procurement and Preservation, Transplantation Society, Barcelona, Spain, December 1987.
47. Organizer, Symposium on "Frontiers in Clinical Medicine", for the 28th Convention of the "Sociedad de Médicos Graduados de la UPR", Sept. 1987.
48. Member, Ethics Committee, Pan American Society for Dialysis and Transplantation, 1987-1999.
49. President and co-chair with Dr. Cangiano, Second Panamerican Congress on Dialysis and Transplantation, San Juan, Puerto Rico, November 1989.
50. Organizing Committee, Fourth International Symposium on Organ Procurement and Preservation, International Society for Organ Sharing, Minneapolis, September 1989.
51. President, Graduate Committee, University of Puerto Rico, Medical School, 1988-1990.
52. Member, Committee on Administration, University of Puerto Rico Medical School, 1988-1993
53. Member, Planning Committee, Bone Marrow Transplantation at San Juan City Hospital (Dr. Cesar Freytes), 1990.
54. Organizing Committee, First International Congress on Transplantation in Developing Countries, Singapur 1992.
55. Comité Asesoramiento Tecnológico, Programa de Desarrollo de Tecnología, Universidad de Puerto Rico, 1991.
56. Organizing Committee, First IberoAmerican Congress on the History of Medicine, San Juan, PR, 1992.
57. Organizing Committee, IX Congreso Latinoamericano de Nefrología, San Juan, PR 1993.
58. Honorary Committee, "Curso Superior de Coordinación de Trasplantes", Barcelona, España, 1993**2014**.
59. Scientific Advisory Committee, VII Latin American Transplant Congress, Perú, 1993.
60. Link Committee, Latin American and Pan American Transplant Societies, 1995.

61. Medical Humanities and Bioethics Committee, University of Puerto Rico Medical School, 1995.
62. Member, Ethics Committee, The Transplantation Society, 1990-2004
63. Member, Medawar Prize Committee, Transplantation Society, 1994-1996.
64. Member, Initiative for Bone Marrow Transplantation at Auxilio Mutuo Hospital (Dr. Roberto Buso), 1995.
65. Congress Organizing Committee, Ninth Congress of the Latin American Transplantation Society (Bolivia Congress), 1996-1997.
66. Review panel, The Transplantation Society, Barcelona Congress. 1996.
67. Member, Ethics Committee, Advisory Board, LifeLink of Puerto Rico, 1996.
68. Advisory Committee, V Congress (Barcelona) of the Catalan IX Society, 1998-1999.
69. Advisory Committee, V Congress of the Pan American Society Dialysis and Transplantation. (Porto Alegre), 1998-1999.
70. Review Panel, XVII World Transplant Congress, Montréal, 1998.
71. Communications-Public Relations Committee, The Transplantation Society, 1998 – 2002.
72. Treasury Consolidation Committee, The Transplantation Society, 1998 – 2000.
73. Education Committee, The Transplantation Society, 1998 –
74. Education Committee, International Society for Organ Sharing, 1998 –
75. Organizer, Transplant Course for Nurses, 1998, 1999, 2001
76. Advisory Committee, V Congress, Catalan Transplantation Society, 1998-1999.
77. Scientific Committee, X Latin American and V Pan American Transplant Congress, 1998 -1999.
78. ViceChairman, Ad Hoc International Relations Committee, United Network for Organ Sharing, 1999 – 2001, Chairman 2001-2003.
79. President, Scientific Committee, XVI Latin American Transplant Congress, 1999-2003.
80. Publications Review Committee, Latin American Transplant Congress, Transplantation Proceedings, 1999.YT
81. Organizer Panel/Symposium on Organ Transplantation (9th Immunology Symposium), University of Puerto Rico Medical School 50th Anniversary, 2000
82. Organizer Mini-Symposium on Immunology (10th Immunology Symposium), American College of Surgeons, Puerto Rico Chapter, FECHA ?????
83. Advisory Committee, VI Congress of the Catalan Transplantation Society, 2000 - 2001.
84. Local Organizing Committee, XIX World Transplant Congress 2000-2002.
85. Member, Ethics Committee, Latin American and Caribbean Transplantation Society (STALYC), 2001 **to date**
86. Steering Committee, Comprehensive Partnership Program Grant, Puerto Rico Cancer Center, MD American Cancer Center, 2001.
87. President, International Scientific Committee, XVI Latin American Transplant Congress, Punta Cana, Dominican Republic, 2001
88. Advisory Committee, VII Congress of the Catalan Transplantation Society, 2002-2003.
89. Advisory Committee, XVII Latin American Transplant Congress (Cusco), 2001-2003.
90. Reviewer, XX World Transplant Congress (Vienna), 2004.
91. Participant, Amsterdam Forum on Living Kidney Donation (Amsterdam), 2004
92. Advisory Committee, VIIIth Congress of the Catalan Transplantation Society, 2004-2005
93. Ethics Committee, Commission for the Evaluation of a Health System in Puerto Rico, 2005
94. Advisor, Puerto Rico Renal Council, 2006-
95. Advisory Committee, 9th Congress of the Catalan Transplantation Society, 2006-2007
96. Local Advisory Committee, proposal for the 2012 World Transplant Congress, presented by the Madrid Transplantation Society, Madrid as Venue, 2006

97. Advisory Committee, 10th Congress of the Catalan Transplantation Society, 2008-2009
98. Search Committee, Editor, Puerto Rico Health Sciences Journal, 2010
99. Ethics Coordinating Committee, UPR Medical School, 2010
100. Belatacept Advisory Board, BMS, *ad-honorem*, 2010
101. International Scientific Committee, International Congress on Organ Donation – 2011, ISODT, 2010
102. Nominations Committee, Sociedad de Trasplante de America Latina y del Caribe, 2010
103. Bylaws Committee, Sociedad de Trasplante de America Latina y del Caribe, 2010, 2013
104. History Advisory Committee, Sociedad de Trasplante de America Latina y del Caribe, 2010-
105. Working Group on Organ Donation and Transplantation for Schools (EODTS), (Report with Marti Manyalich), The Transplantation Society, Berlin 2012; continuing San Francisco (Co-Chair with Marcelo Cantarovich), July 2014 –
106. Committee and lecturer, PGY-I Course, Introduction to Surgery, Chair Dra Zulma González, 2013-
107. Senior Advisors Research Committee, Post Graduate Master in Clinical and Translational Research/Scholars Group, University of Puerto Rico Medical Sciences Campus, several students 2013-2016,
108. Gala Endowment Committee, Don Jaime Benitez, UPR Medical School, 2015.
109. Endowment Committee (Fondo Dotal), UPR Medical School, 2016
110. Nomination Committee for Director of Surgery, Faculty, Auxilio Mutuo Hospital, 2016.
111. Special Faculty Committee on Guidelines for Evaluation of Surgeons, Department of Surgery, UPR Medical School, 2016.
112. Special Dean's Faculty Evaluation Committee, UPR Medical School, 2016
113. Special Faculty Committee, Surgery, Auxilio Mutuo Hospital for Evaluation of Surgical Priviledges, 2016
114. Public Policy Committee, Renal Network, Region 3, 2016
115. Research Committee, Department of Surgery, UPR Medical School, 2017
116. Vascular Access Learning and Action Network, "The Coalition", Quality Insights, Medicare Region 3, 2017
117. Scientific Committee, Fundación Puertorriqueña para el Mejoramiento de la Dermatología, San Juan, PR, 2017
118. Grupo Asesor de Historia de la Escuela de Medicina, UPR, 2017
119. Nominations Committee, Sociedad de Trasplante de America Latina y del Caribe, 2017
120. Organizing Committee, CELABIH, for the 2019 Latin American Congress of the Federacion Latinoamericana de Bioetica, 2018
121. Comité en el Auxilio sobre guías testamentarias de no resucitar y no intubar, 2019
122. Comité Muerte Cerebral, UPR, Recinto Ciencias Medicas, 2019
123. Comité Ad Hoc de la Sociedad de Medicos Graduados de la Escuela de Medicina de la UPR, sobre la Ley 90, 2020
124. Search Committee for Chairman of Surgery, UPR Medical School, 2020
125. Committee for judging Raffucci Forum Abstracts, ACS Meeting, with Dr Rive Mora 2021.
126. Scientific Program Sub-Committee on "Education" for the 29th International Congress of The Transplantation Society (TTS 2022)

GRADUATE (Masters and Doctoral), AND (Post-Doctoral) STUDENTS, AND RESEARCH FELLOWS (MD)

1. Ivan Figueroa Otero, Surgical Research Fellow, 1973-74.
2. Abel González, Surgical Research Fellow, 1973-75.
3. Reynold López Enriquez, Surgical Research Fellow, 1974-75.
4. Abelardo Alvarez Ruiz, Surgical Research Partial Rotation, San Juan City Hospital Senior, Oct-Dec, 1974.
5. Edna Jiménez Nettleship MS Degree Committee, Microbiology (Immunology), University of Puerto Rico, Graduate Division, School of Medicine, 1974-77.
6. Phillip Lowry, Surgical Research Fellow, 1974-75.
7. Albert Suárez Domínguez, Surgical Research Fellow, 1975.
8. Teresa Avilés, Surgical Research Fellow, 1975.
9. Edna Mora, Special Research Student, 1975.
10. María del Carmen Ballesteros, MS Degree Committee, Biochemistry, University of Puerto Rico, Graduate Division, School of Medicine, 1976.
11. Víctor Vivoni, Surgical Research Fellow, 1976.
12. Antonio Puras Baez, Special Research Resident, 1977.
13. Ramonita Correa de Chavarri, PhD Degree Committee, Biochemistry & Anatomy, University of Puerto Rico, Graduate Division, School of Medicine, 1977-79.
14. Group on Transplant Rehabilitation (David Matos, Norma Rodríguez, Rosa I. Santiago, Mercedes Torres, Ana Ma. Zayas), MS Degree Advisor, Graduate School of Rehabilitation Counseling, University of Puerto Rico, 1977-78.
15. Zulma González Caraballo, Surgical Research Fellow, 1976-78.
16. Manuel Castillo, Surgical Research Resident, 1979.
17. Juan Ramírez Sánchez, Surgical Research Resident, 1979-80.
18. Marta Llende Omeechevarria, MS Degree Advisor and Thesis Director, Microbiology (Immunology), University of Puerto Rico, Graduate Division, School of Medicine, 1979-82.
19. Sally de Echegaray Fores, MS Degree Advisor and Thesis Director, Microbiology (Immunology), UPR, Graduate Division, School of Medicine, 1981-82.
20. Carmen Rodríguez Sargent, PhD Degree Committee, Physiology, University of Puerto Rico, Graduate Division School of Medicine, 1981.
21. Estela Estapé, PhD Degree Committee, Pharmacology, University of Puerto Rico, Graduate Division, Medical School, 1981-83.
22. Sandy González, Surgical Research Resident, 1981-82.
23. Ashley Baquero, Special Research and Transplant Resident, 1982.
24. Elsa Cora, PhD Degree Committee, Biochemistry, University of Puerto Rico, Graduate Division, Medical School, 1982-84.
25. Mayra López Cepero, MS Degree Committee, Microbiology (Immunology), University of Puerto Rico, Graduate Division, Medical School, 1982-83.
26. Juliana Alemañy, MS Degree Committee, Microbiology (Immunology) University of Puerto Rico, Graduate Division, School of Medicine, 1984-85.
27. María Villanueva, MS Degree Advisor, School of Public Health, University of Puerto Rico, 1984-86.
28. Elizardo Matos, Surgical Research Resident, 1985-86.
29. Dianiris Ayala, MS Degree Advisor and Thesis Director, Microbiology (Immunology), University of Puerto Rico, Graduate Division, School of Medicine, 1985-86.
30. Moises O'Neill, MS Degree Committee, Microbiology Immunology, University of Puerto Rico Graduate Division, 1986.

31. Carmen Rodríguez, MS Degree Committee, Microbiology - Immunology, University of Puerto Rico, Graduate Division, 1986-87.
32. Myrna I. Morales, MS Degree Committee Microbiology - Immunology, University of Puerto Rico, Graduate Division, 1986-87.
33. Sandra Hernández, MS Degree Advisor and Thesis Director, Microbiology (Immunology) University of Puerto Rico, Graduate Division, 1987-1989.
34. María T. Miranda, PhD Degree Committee, Physiology (Neuroimmunology), University of Puerto Rico, Graduate Division, 1989-1991.
35. Roberto Frontera, MS Degree Committee, Microbiology (Immunology), University of Puerto Rico, Graduate Division, 1989.
36. Manuela Beltrán Matos, MS Degree Committee, Microbiology (Immunology), University of Puerto Rico, Graduate Division, 1990-1991.
37. Bethsaida Torres, MS Degree Committee, Microbiology (Immunology), University of Puerto Rico, Graduate Division, 1988-90
38. David González Mestre, MS Degree Committee, Microbiology, Immunology, University of Puerto Rico, Graduate Division, 1993-94.
39. Maria Diaz Porto, MS Thesis Committee and Technical Advisor, Rehabilitation Counselling, UPR, 1993-1994
40. Fernando Rivera Cruz, Surgical Research Fellow, 1998-1999.
41. Rafael Iglesias, Surgical Research Fellow, 1999-2000.
42. Carlos del Coro, Surgical Research Fellow, 2001-2002.
43. Gustavo de Jesus Gomez, Surgical Research Fellow, 2003-2004.
44. Luisa M. Diaz Reyes, MS Thesis Committee, Rehabilitation Counselling, University of Puerto Rico, Social Sciences. 2004-
45. Ronald Cadillo, Surgical Research Associate, 2004-2005.
46. Luis Muniz, Surgical Research Fellow, 2005-2006.
47. Daniel Vazquez, Surgical Research Fellow, 2005-2006.
48. Doris Perez, Medical Research Fellow in Infectious Diseases, 2006-2007.
49. Maria Diaz Porto, PhD Special Research Advisor, Universidad de Valencia, 2006-2009
50. Norman Correa, MS Research Special Advisor, Advanced Practice Nursing, Health Sciences, Sistema Universitario Ana G. Mendez, Universidad del Turabo, 2007-2008
51. Ivelisse Sanchez, MS Research Special Advisor and Thesis co-Director, Master in Laboratory Sciences, Allied Health Professions, Medical Sciences Campus, University of Puerto Rico, 2008-2010
52. Maria Diaz Porto, PhD Thesis Co-Director, Universidad de Valencia, 2009-2010
53. Carmen Ramos, MD, MS Thesis Co-Mentor, Medical Sciences Campus, University of Puerto Rico, 2009-2010
54. Javier Márquez, MD, Surgical Research Fellow, 2009-2010
55. Carlos Alvarez, MD, Assistant Mentor in Surgical Research (Dr. Zulma Gonzalez as Principal Mentor) 2010-2011
56. Milagros Fernandez, MD, Assistant Mentor in Surgical Research (Dr. Zulma Gonzalez as Principal Mentor) 2011-2012
57. Carlos Perez, MD, Special Advisor and Thesis Reader, Post Doctoral MS in Clinical and Translational Research Program, Medical Sciences Campus, University of Puerto Rico, 2014-2015
58. Rosarito Torres Davis, MT, Mentor, Master in Science in Clinical Laboratory, 2016-2017
59. Nahomy Ledesma, Thesis Reader, MS Rehabilitation Counselling, Rio Piedras Campus, University of Puerto Rico, 2016

60. Lydia Maldonado Rodriguez, Thesis reader, MS Nursing Sciences, Anesthesia, Dewey University, 2016
61. Harold Garcia Flores, Lab Co-Mentor with Sally de Echegaray, fellow from nicaragua founded histo lab in his country, 2017-2018
62. Giovanna Fox, Thesis collaborator, Programa Doctoral en Salud Pública con Concentración en Análisis de Sistemas de Salud y Gerencia de la Escuela Graduada de Salud Pública, University of Puerto Rico, 2019
63. Cynthia Hernandez Otero, PhD thesis reader 2020-2021

UNDERGRADUATE OR PRE-DOCTORAL RESEARCH STUDENT COLLABORATORS
(Spent at least one year in my lab or on clinical research in our program, and/or published or co-authored papers, abstracts or congress presentations; no degree was involved; 1968 through 2018)

1. Olga L. Rodriguez
2. Magda Sofia Rodriguez
3. Edna Mora
4. Juan Lombillo
5. Carlos Fernandez Bueno
6. Alberto Larrieu
7. Manuel Castillo
8. Marta Llende
9. Sally de Echegaray
10. Carlos Estrada
11. Myra Rosario
12. Margie Dones
13. Ivette Rodriguez
14. Adahlí Estrada
15. Francisco Torres
16. Norma Alonso Cedó
17. Pedro Gonzalez
18. Maria Eugenia Jacobo
19. Nellie Debbs
20. MariCarmen Rodriguez
21. Neiza Prado
22. Nelson Estepa
23. Agustin Rodriguez Gonzalez
24. Francisco L Raffucci, hijo
25. Awilda Rivera
26. Raquel Lourdes Pedraza
27. Jackeline Gomez-Jorge
28. G. Lugo-Janer
29. Maria Luisa Ruiz
30. Grimanesa Cruz
31. Fernando Gerena
32. Oreli Rodriguez
33. Marta Fernandez
34. Edgardo Zayas
35. Jeannette Dominguez
36. Minerva Malave
37. Rebecca Rodriguez
38. Sylvia Calderon
39. Eduardo Gonzalez-Pons
40. Luis Torres-Romero
41. Daniel Vazquez
42. Yamilka Alsina Marín
43. Frank Vélez Cubián
44. Francis Bauldrik

45. Eduardo Michelén

FUNDING AND SUPPORT GRANTS

1. Davis and Geck (Cyanamid Company) Research Grant, 1969, 1974.
2. National Institutes of Health Research Grant #1-F03-Am51611-01, 1971-72.
3. UpJohn Company Donations, 1973, 1974, 1975, 1976, 1981.
4. Lederle Company Donations, 1973, 1974, 1975, 1976.
5. Ethicon Corp. Donations, 1973, 1975, 1979.
6. Travenol Laboratories Donations, 1973-1974.
7. Good Samaritan Foundation, Research Grants, 1974, 1975, 1978, 1980, 1982, 1988.
8. National Cancer Institute, Research Grant: Controlled Radiation Injury to the Liver, NCI #1-RO-AS16810-01, 1975-76, 1976-77, 1977-78.
9. Burroughs Wellcome Co., Donation, 1975.
10. W.L. Gore & Associates, Research Grant, 1976.
11. Smith, Kline & French, Donation, 1976.
12. First Federal Savings and Loan Association (San Juan), Research Grant, 1977.
13. National Institutes of Health (Research Materials and Histocompatibility Testing), 1977-1983.
14. Veterans Administration Clinical Transplant Funding, 1980-1985.
15. National Institutes of Health, Immune Function in Hyperlipidemic Patients, 2-S06-RR08102-10, 1981-82, 1982-83, 1983-84.
16. Sandoz Company, Educational Grant, F. L. Raffucci Lecture and Forum, 1984, 1985, 1986, 1986-87, 1987-88, 1988-89, 1990, 1991, 1992, 1993, 1994, 1995.
17. Sandoz Company, Travel Grant, 1984.
18. National Institutes of Health, Effect of High Cholesterol Diet on Immune Function. 2-S06-RR08101-13: 1984-85, 1985-86, 1986-87, 1987-88.
19. Legislature of the Commonwealth of Puerto Rico, Cyclosporine Grant, 1984-85, 1985-86, 1986-87, 1987-88, 1988-89, 1989-90, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002.
20. Legislature of the Commonwealth of Puerto Rico, Puerto Rico Kidney Foundation Grant, 1987-88, 1988-89, 1990-91, 1992, 1993.
21. Fundación Familia Raffucci, Research Grant, 1989.
22. Legislature Commonwealth of Puerto Rico, Grant to Sociedad PanAmericana de Diálisis y Trasplante, 1990, 1991.
23. Legislature, Commonwealth of Puerto Rico, Congress Grant to Sociedad Latinoamericana de Nefrología, 1994.
24. Fujisawa, Unrestricted Educational Grants, 1996, 2001, 2003, 2005.
25. Sandoz/Novartis, Unrestricted Educational Grant, 1996, 2001, 2003, 2004, 2005.
26. Wyeth-Ayerst, Unrestricted Educational Grant, 1998, 2000, 2001, 2002, 2003, 2004.
27. Puerto Rico Renal Council, Research Grant, Studies on Oral Tolerance, 1998-1999.
28. Wyeth, Investigator, Open labeled multicenter study to further characterize clinical use of rapamycin and cyclosporine, 1999

PUBLICATIONS-1: SCIENTIFIC PAPERS (194), AND CHAPTERS (29 of them)

1. Santiago-Delpín, E.A., Ramírez-Schon, G., Rodríguez-Millán, P., Oliveras, F.E., Pérez-Cintrón, V.: Post-Operative Infections in Dogs, Boletín Asociación Médica , 61:12, 1969.
2. Santiago-Delpín, E.A., Sorrentino, R., Rodríguez-Millán, P., Raffucci, F.L.: Peri-Ampullary Carcinomas: A Critical Review of 50 Cases, Bol. Asociación Médica Puerto Rico 62:245, 1970.
3. Santiago-Delpín, E.A., Rodríguez-Millán, P., Rodríguez, O.L., Ramírez-Schön, G., Raffucci, F.L.: The Use of a New Polyglycolic Acid Suture in General Surgery: Clinical and Experimental Studies, Bol. Asociación Médica Puerto Rico 62:309, 1970.
4. Ramírez-Schön, G., Santiago-Delpín, E.A., Rodríguez-Millán, P., Labat, R., Gutiérrez, V. The Relationship of Blood Substitutes to Hypovolemia in Dogs, Annals of Surgery 173:504, 1971.
5. Rodríguez, O.L., Santiago-Delpín, E.A., Sorrentino, R.: Carcinoma of the Lung: Report of 98 Cases and Review of the Literature, Bol. Asociación Médica de Puerto Rico 63:14, 1971.
6. Kjellstrand, C.M., Santiago, E.A., Buselmeier, T.J.: Development of Special Pediatric Shunts, European Dialysis and Transplant Association VIII:505, 1971.
7. Buselmeier, T.J., Santiago, E.A., Simmons, R.L. Najarian, J.S., Kjellstrand, C.M.: A-V Shunts for Pediatric Hemodialysis, Surgery 70:638, 1971.
8. Santiago-Delpín, E.A., Buselmeier, T.J., Simmons, R.L., Najarian, J.S., Kjellstrand, C.M.: pH and Blood Gases in Patients with Artificial A-V Fistulas, Kidney International 1:131, 1972.
9. Santiago-Delpín, E.A., Buselmeier, T.J., Simmons, R.L., Najarian, J.S., Kjellstrand, C.M.: Hemodiálisis en la Infancia y en la Niñez Temprana. Bol. Asociación Médica de Puerto Rico 63:307, 1971.
10. Moberg, A.W., Mozes, M.F., Santiago, E.A., Campos, R., Mason, R., Najarian, J.S.: A New Transportable Organ Perfusion System, Experimental and Clinical Experience, Lancet 11:1403, 1971.
11. Kjellstrand, C.M., Shideman, J.R., Santiago, E.A., Mauer, M., Buselmeier, T.J.: Technical Advances in Dialysis of very small Pediatric Patients, Proceedings Dialysis Transplant Forum 1:124, 1971.
12. Santiago-Delpín, E.A., Buselmeier, T.J., Simmons, R.L., Najarian, J.S., Kjellstrand, C.M.: A Modified Saphenous Vein Loop Fistula in the Thigh for Chronic Hemodialysis, Surgery, Gynecology and Obstetrics 134:835, 1972.
13. Kjellstrand, C.M., Petersen, R.J., Evans, R.L., Shideman, J.R., Santiago, E.A., Buselmeier, T.J., and Rozelle, L.T.: *In vivo* Studies of a New Ultrathin Membrane for Hemodialysis. Transactions American Society for Artificial Internal Organs XVIII:106, 1972.

14. Santiago, E.A., Simmons, R.L., Kjellstrand, C.M., Buselmeier, T.J., Najarian, J.S.: Insurance Perspectives for the Living Donor. *Transplantation* 14:131, 1972.
15. Santiago-Delpín, E.A., Yunis, E.J., Callender, C.O., Najarian, J.S.: Effect of Glutaraldehyde on Skin Grafts, *Proceedings of the Society for Experimental Biology and Medicine* 141:996, 1972.
16. Santiago-Delpín, E.A., Moberg, A.W., Mozes, M.F., Campos, R.A., Mason, R.V., Najarian, J.S.: Comparative Analysis of Perfusion and non-perfusion Methods for Renal Preservation. *Surgery* 72:793, 1972.
17. Santiago-Delpín, E.A., Márquez, E., Rodríguez, O.L., Oliveras, F.E., Baldizón, C., Martínez-Cabruja, R.: Ruptured Hepatic Artery Aneurysm in a Patient with Multiple Aneurysms and Incomplete Marfan Syndrome. *Annals of Surgery* 176:772, 1972.
18. Moberg, A.W., Mozes, M.F., Campos, R.A., Santiago, E.A., Najarian, J.S.: Simplification of Organ Preservation Techniques: Experimental and Clinical Experience, *Transplantation Proc.* 4:611, 1972.
19. Santiago-Delpín, E.A., Yunis, E., Callender, C.O., Najarian, J.S.: The Immunologic Effect of Chlorphenesin on Skin Grafts in Normal and Thymectomized Mice, *Cellular Immunology* 5:604, 1972.
20. Santiago-Delpín, E.A.: El Trasplante de Riñón en el Tratamiento de la Insuficiencia Renal Irreversible, *Bol. Asociación Médica Puerto Rico* 65:15, 1973.
21. Santiago-Delpín, E.A., Moberg, A.W., Mozes, M.R., Campos, R., Mason, R., Najarian, J.S.: La Preservación Experimental y Clínica de Riñón para Trasplante, *Bol. Asociacion Medica Puerto Rico* 65:63, 1973.
22. Moberg, A.W., Mozes, M.F., Campos, R.A., Santiago, E.A., Najarian, J.S.: Simplification of Organ Preservation Techniques, in Hume, D.M., Rapaport, F.T., Eds., *Clinical Transplantation*, Grune & Stratton, New York, 1973, p. 185, **Chapter**.
23. Santiago-Delpín, E.A., Moberg, A., Mozes, M., Campos, R., Mason, R., Najarian, J.S.: Oxygen Dynamics in a Static Membrane Oxygenator for Organ Preservation, *J. Surgical Research* 14:20, 1973.
24. Buselmeier, T.J., Kjellstrand, C.M., Santiago, E.A., Simmons, R.L., Najarian, J.S.: A New Subcutaneous Arteriovenous Shunt: Applicable in cases where the standard Quinton-Scribner Shunt and A-V Fistula have failed, *Surgery* 73:512, 1973.
25. Callender, C.O., Santiago, E.A., Sutherland, D., Howard, R.J., Toledo-Pereyra, L.H., Olson, L., Condie, R., Simmons, R.L., Najarian, J.S.: Renal Allograft Prolongation after Graft Perfusion with Heterologous ALG, *Surgical Forum XXIV*:306, 1973.
26. Moberg, A.W., Yonehiro, E.G., Santiago, E.A., Simmons, R.L., Najarian, J.S.: Participation of the Community Hospital in Cadaver Organ Retrieval, *Minnesota Medicine* 56:797, 1973.

27. Santiago-Delpín, E.A., Simmons, R.L., Insurance Perspectives for the Kidney Transplant Recipient, *Transplantation* 16:680, 1973.
28. Callender, C.O., Simmons, R.L., Toledo-Pereyra, L.H., Santiago-Delpín, E.A., Najarian, J.S., Prolongation of Kidney Allograft by ALG Perfusion, *Transplantation* 16:377, 1973.
29. Toledo-Pereyra, L.H., Uranga, V.M., Simmons, R.L., Kjellstrand, C.M., Santiago-Delpín, E.A., Buselmeier, T.J., Najarian, J.S., El Trasplante Renal en el Tratamiento de la Nefropatía Diabética, *Bol. Asociación Médica Puerto Rico* 66:10, 1974.
30. Santiago-Delpín, E.A.: The Use of T-tubes for Gastrostomy, Surgery, Gynecology and Obstetrics 138:765, 1974.
31. Larrieu, A.J., Rodríguez, M.S., Santiago-Delpín, E.A., Results of the Nitroblue Tetrazolium Test in Experimental Immunosuppression, Surgery, Gynecology and Obstetrics 139:185, 1974.
32. Santiago-Delpín, E.A., Simmons, R.L., Simmons, R.G., Tierny, R.J., Bernstein, D., Kjellstrand, C.M., Buselmeier, T.J., Najarian, J.S. Medico-Legal Management of the Juvenile Kidney Donor, *Transplantation Proc.*, 6:441, 1974.
33. Toledo-Pereyra, L.H., Condie, R.M., Callender, C.O., Mozes, M.F., Moberg, A.W., Santiago-Delpín, E.A., Simmons, R.L. Najarian, J.S. Hypothermic Pulsatile Kidney Preservation, *Archives of Surgery* 109:816, 1974.
34. Santiago-Delpín, E.A., Toledo-Pereyra, L.H., Moberg, A.W., Callender, C.O., Buselmeier, T.J., Van Loon, P., Simmons, R.L., Najarian, J.S., Predictive Parameters for Renal Preservation, *Trans. Amer. Soc. Artificial Internal Organs* XX: 550, 1974.
35. Figueroa, I., Santiago-Delpín, E.A., Steroid Protection of the Liver During Experimental Ischemia, *Surgery, Gynecology and Obstetrics* 140:368, 1975.
36. Santiago-Delpín, E.A., Callender, C., Kjellstrand, C.M., Buselmeier, T.J., Najarian, J.S., Cross-Dialysis in the Treatment of Experimental Fulminant Hepatic Coma, *J. Surgical Research* 19:175, 1975.
37. Santiago-Delpín, E.A., Figueroa, I., López, R., Vázquez, J., Protective Effects of Steroids on Liver Ischemia, *American Surgeon* 41:683, 1975.
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RESEARCH PRESENTATIONS, INVITED, KEYNOTE OR HONOR LECTURES

Research presentations made in Congresses or Meetings where an abstract was published have been covered separately under "Publications 4 - Abstracts", pages 49 on, and are not repeated here.

Also, "regular or routine lectures" to students, residents, fellows, nurses, health professionals, high schools, industry, seminars, meeting reports, travel reports, the media, the public, etc. are not included either; there is a list in my file of more than 1,500 additional talks

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2. Moberg, A., Mozes, M., Santiago Delpín, E. A., Campos, R., Mason, R., Najarian, J. S.: Minnesota Renal Preservation System: A Static Membrane Unit, presented to the European Society for Experimental Surgery, The Hague, April 1971.
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4. Mozes, M., Santiago Delpín, E. A., Najarian, J. S.: Minnesota Renal Preservation System, presented at the American College of Surgeons, 57th Congress, Chicago, October 1971.
5. Mozes, M., Santiago Delpín, E. A., Campos, R., Mason R., Moberg, A., Najarian, J. S.: Minnesota Renal Preservation System, presented at the American Medical Association, New Orleans, November 1971.
6. Callender, C. O., Simmons, R. L., Santiago Delpín, E. A., Najarian, J. S.: Development of a Program in Renal Transplantation. National Medical Association, August 1972.
7. Santiago Delpín, E. A.: Cross-Dialysis in the Treatment of Experimental Liver Coma, Oral Thesis Defense, Minneapolis Minn., April 1973.
8. Santiago Delpín, E. A.: Inmunología del Trasplante presented at the Soc. Med. Distrito Sur Annual Meeting, Ponce, P. R., June 6, 1973.
9. Santiago Delpín, E. A.: Conceptos recientes sobre Patofisiología y tratamiento de coma hepático, presented at the American College of Surgeons, Summer Scientific Meeting, Dorado, P. R., August 1973.
10. Rivé-Mora, E., Santiago Delpín, E. A.: Desarrollo Servicio Donantes en Programa de Trasplantes Renales, presented at the American College of Surgeon, Summer Scientific Meeting, Dorado, P. R., August 1973.
11. Santiago Delpín, E. A.: Renal Transplantation 1973, presented at Sociedad Médica Graduados UPR XIV Annual Convention San Juan, P. R., August 1973

12. Buselmeier, T. J., Simmons, R. L., von Hartitzsch, B., Pinto, M. H., Santiago Delpín, E. A., Kjellstrand, C. M., Najarian, J. S.: Local Steroid Therapy of Intractable Uremic Pericardial Effusion, presented at the VII World Congress of Cardiology, Buenos Aires, September 1974.
13. Buselmeier, T. J., Simmons, R. L., von Hartitzsch, B., Pinto, M. H., Santiago Delpín, E. A., Kjellstrand, C. M., Najarian, J. S.: Intractable Uremic Pericardial Effusion with Life Threatening Tamponade: Pericardial drainage and localized steroid instillation as definitive therapy, presented at the International Symposium on Critical Care 1974.
14. Buselmeier, T. J., von Hartitzsch, B., Mauer, S. M., Pinto, M. H., Santiago Delpín, E. A., Simmons, R. L., Najarian, J. S., Kjellstrand, C. M.: Advances in the Management of Life Threatening Salicylate Toxicity: The Combined Approach, presented at International Symposium on Critical Care, 1974.
15. Buselmeier, T. J., Najarian, J. S., Merino, G. E., von Hartitzsch, B., Sutherland, D. E., Simmons, R. L., Spanos, P. K. Pinto, M. H., Santiago-Delpín, E. A., Kjellstrand, C. M.: A New Method of Dialyzer-Cell Separator Therapy for Plasma Exchange of Patients with Hepatic or Hepatorenal Failure, presented at International Symposium on Critical Care, 1974.
16. Buselmeier, T. J., Najarian, J. S., Simmons, R. L., von Hartitzsch, B., Sutherland, D. E., Pinto, M. H., Spanos, P. K., Toledo, L. H., Santiago-Delpín, E. A., Kjellstrand, C. M.: An Aggressive Approach to the patient with Acute Renal Failure in the post-operative critical care period, presented at International Symposium on Critical Care, 1974.
17. Figueroa, I., Santiago-Delpín, E. A.: Effective Protection with Steroids in Experimental Liver Ischemia, presented at Surgical Forum, Southeastern Surgical Congress, Atlanta, Ga., February 1975. (Won Gold Medal).
18. Santiago-Delpín, E. A., Figueroa, I., López, R., Vázquez, J.: Protective Effects of Steroids on Liver Ischemia, presented (J.V.) at the Seminar on Immunopathology and Electronmicroscopy, Escuela de Medicina Autónoma de la Universidad de Barcelona, Barcelona, Spain, June 1975.
19. Santiago-Delpín, E. A.: Immunobiology and Immunotherapy of Cancer, presented at the Soc. Med. Distrito Sur Annual Convention, Ponce, Puerto Rico, June 4, 1975.
20. Lowry, P., Santiago-Delpín, E. A.: Peripheral Sympathetic Block in the Treatment of Septic Shock, presented at the Surgical Forum, Southeastern Surgical Congress, N. Orleans, February 1976. (Won Gold Medal).
21. Santiago-Delpín, E. A.: Pharmacological Protection of Cells and Organs in Ischemia and Shock, presented at the 49th Congress, Association of Clinical Scientists, San Juan P.R., April 1976.
22. Santiago-Delpín, E. A.: Renal Transplantation in Children, presented at the International Pediatric Nephrology Symposium, San Juan, P. R., May 1976.
23. Santiago-Delpín, E. A.: Immunology and Immunotherapy of Cancer, presented at the Annual Convention of the Soc. Med. Graduados UPR, San Juan, P. R., September 1976.

24. Marcial, V. A., Santiago-Delpín, E. A., Lanaro, A. E., Castro-Vita, H., Arroyo, G., Moscol, J. A., Gómez, C., Velázquez, J., Prado, M.S.: Radiation Induced Liver Damage, presented at the International Symposium on Radiobiological Research, Vienna, Austria, November 1976.
25. Santiago-Delpín, E. A.: Current Concepts in the Management of Lymphoma: Surgical Aspects, (Panel) presented at the 74th Annual Meeting, Puerto Rico Medical Society, San Juan, November 1976.
26. Santiago-Delpín, E. A.: Immunology of a Transplanted Organ, presented at Annual Meeting of North Medical Society (Guest), Arecibo, 1976.
27. Santiago-Delpín, E. A.: Pharmacological Protection of Ischemic Organs, presented at International Conference on Preservation of Kidneys for Clinical Transplantation, Los Angeles, March 1977.
28. Santiago-Delpín, E. A.: Experience with Pharmacological Protection of Organs during Ischemia, presented at the Association of Veterans Administration Surgeons Annual Symposium, Nashville, Tennessee, May 1977.
29. Santiago-Delpín, E. A.: Transplantation-Clinical Program and Experience, presented at the American College of Surgeons Summer Meeting, San Juan, P.R., August 1977.
30. Santiago-Delpín, E. A.: Kidney Transplant Program at San Juan VA Hospital, presented at Puerto Rico Medical Society Annual Meeting, San Juan, P.R., November 1977.
31. Santiago-Delpín, E. A.: Management of Recipients for Renal Transplantation, presented at Puerto Rico Urological Association Annual Meeting, San Juan, P.R., November 1977.
32. Puras, A., Fortuño, R., Santiago Delpín, E. A.: Sutures in the Genito Urinary Tract, presented at the 28th Annual Convention, P.R. Urological Association, San Juan, P.R., November 1977.
33. Santiago-Delpín, E. A.: Current Concepts in Renal Transplantation, presented at International Symposium on Pediatric Nephrology, San Juan, PR, December 1977.
34. Santiago-Delpín, E. A.: Pharmacologic Protection in Shock and Ischemia, Guest Lecture, presented at the Second Congress, Dominican College of Surgeons, Santo Domingo, R.D., February 1978.
35. Santiago-Delpín, E. A.: Immunobiology of Transplants, Guest Conference presented at the Second Congress, Dominican College of Surgeons, Santo Domingo, R. D., February 1978.
36. Santiago-Delpín, E. A.: Cellular Immunology, (Guest) Presented at The Puerto Rico Medical Society Annual Meeting, San Juan, November 1978.
37. Santiago-Delpín, E. A.: Pathophysiological Basis for Organ Protection in Shock and Ischemia, Guest Lectureship, Academia Médica del Sur 27th Annual Convention, Ponce, Puerto Rico, June 1979.

38. Santiago-Delpín, E. A.: The Relationship Between Immunity and Cancer, Guest Lecture, American Cancer Society (PR) Annual Convention, San Juan, P. R., September 1979.
39. Santiago-Delpín, E. A.: Protección de Organos Durante Isquemia o Choque, Guest Lecture, Hospital Militar, Mexico City, November 1, 1979.
40. Santiago-Delpín, E. A.: Results of the Puerto Rico Transplant Program, Annual Congress, P. R. Medical Society, November 1979.
41. Santiago-Delpín, E. A.: Advances and Pitfalls in Clinical Transplantation, Puerto Rico Urological Association, 8th Annual Meeting, November 1979.
42. Santiago-Delpín, E. A.: Progress in Organ Transplantation, Sociedad de Médicos Graduados de P. R., 20th Annual Meeting, November 1979.
43. Santiago-Delpín, E. A.: Concepts in Clinical Immunosuppression, 3rd Pediatric Nephrology Symposium, Dec. 1979.
44. Santiago-Delpín, E. A.: Inmunoterapia: Supresión, Estimulación y Profilaxis, Guest Lecture, II Annual Convention, Soc. Med. Grad. Universidades Dominicanas, Santo Domingo, Rep. Dom., 23 May 1980.
45. Santiago-Delpín, E. A.: Kidney Transplantation in P. R. - 1980, American College of Surgeons, P. R. Chapter, Summer Scientific Meeting, Dorado, P. R., 8 Aug. 1980.
46. Santiago-Delpín, E. A.: Nutrition and Immunity, Guest Lecture, American Dietitian Association, San Juan, P. R., 23 Oct. 1980.
47. Santiago-Delpín, E. A.: Dysimmunity States: Impact on Modern Medicine, Annual Congress, P. R. Medical Society, November 28, 1980.
48. Vázquez, A., Santiago-Delpín, E. A., Sexual Aspects on our Patients with End Stage Renal Disease Before & After Kidney Transplant, 31st Annual Meeting, Puerto Rico Urological Association, November 14, 1980.
49. Canto, R., Santiago-Delpín, E. A., Fortuño, R., Vázquez, L. H., Mobilization of Pelvic Kidney Prior to Radiotherapy for Carcinoma of the Cervix, 31st Annual Meeting, Puerto Rico Urological Association, November 15, 1980.
50. Santiago-Delpín, E. A.: Estados de Disinmunidad y su Impacto en la Medicina Moderna, Guest Lecture, Hospital Militar, Mexico City, January 10, 1981.
51. Santiago-Delpín, E. A.: Dysimmunity States and Their Recognition, Guest Lecture, Wilkes-Barre VA Hospital, Pennsylvania, February 11, 1981.
52. Santiago-Delpín, E. A.: Surgery in the Immunocompromised Host, American College of Surgeons, PR Chapter, 31st Annual Meeting, San Juan, PR, February 18, 1981.

53. Rodríguez, M. S., Raffucci, F. L., Jr., Ramírez-Sánchez, J., Santiago-Delpín, E. A., Organ Ischemia and the Production of Auto-Antibodies, First F. L. Raffucci Surgical Forum, ACS PR Annual Meeting, Feb. 19, 1981, (Won ACS Prize).
54. González, Z., Santiago-Delpín, E. A.: Determinants of Massive Irreversible Rejection in Kidney Transplantation in Man, First F. L. Raffucci Surgical Forum, ACS-PR Annual Meeting, February 19, 1981.
55. Santiago-Delpín, E. A.: El Impacto de los Trasplantes en la Sociedad Contemporánea, (Guest) Universidad Interamericana, San Juan, April 22 and April 29, 1981.
56. Santiago-Delpín, E. A.: Perspectivas de Trasplante, 2nd Annual "José Gelabert Lecture", Ponce, P. R., Oct. 30, 1981.
57. Pedraza, R., Santiago-Delpín, E. A., The Significance of Skin Fungi in Renal Transplant Patients 79th Annual Assembly, Asociación Médica de P. R., Nov. 1981.
58. De Echegaray, S., Ruiz L., Ramírez, R. E., Santiago-Delpín, E. A., A High Incidence of Failed Delayed Hypersensitivity in Hemodialysis Patients Does Not Correlate with Increased Morbidity. Presented at 32nd Annual Meeting, American College of Surgeons -Puerto Rico Chapter, San Juan, 18 Feb 1982.
59. González, Z., Santiago-Delpín, E. A., Relevant Factors in Skin Graft Survival in Mice Presented at 32nd Annual Meeting, American College of Surgeons - Puerto Rico Chapter, San Juan, 18 Feb 1982.
60. Rosario, M., Llende, M., Echegaray, S., Santiago-Delpín, E. A., Colón, J., Marchand, A., Protection Against Peritoneal Sepsis by A Polyantigenic Vaccine Presented at 32nd Annual Meeting, American College of Surgeons - Puerto Rico Chapter, San Juan, 18 Feb 1982.
61. Santiago-Delpín, E. A.: González, Z., Immunological and Clinical Aspects of Kidney Transplantation in Puerto Rico, presented at 33rd annual convention of the Puerto Rico Urological Association, San Juan, Puerto Rico, November 13, 1982.
62. Santiago-Delpín, E. A.: Nettleship, E., Ruiz, M. L., Pretransplant Predictors of Future Kidney Rejection. Presented at the Third International Immunological Monitoring Symposium, the Transplantation Society, Key Biscayne, Fla. Nov 21 - 24, 1982.
63. Santiago-Delpín, E. A.: El Problema Renal en Puerto Rico, Panel on Kidney Disease, Rotary Club, Arecibo, P. R., 17 Jan 1983.
64. Echegaray, S., Llende, M., Colón, J. I., Marchand, A. A., Santiago-Delpín, E. A., Protection Against Fecal Peritonitis by a Polyantigenic Vaccine, presented at the American College of Surgeons Annual Meeting, P. R. Chapter, San Juan, P. R., 23 Feb 1983.
65. Nettleship, E., Menéndez-Corrada, R., Ramírez de Arellano, G., Santiago-Delpín, E. A., Association of the Tropical Sprue with HLA Antigens of the AW-19 Group, presented at the American College of Surgeons Annual Meeting, P. R. Chapter, San Juan, P. R., 23 Feb 83.

66. González, Z., Santiago-Delpín, E. A., Serological Studies on Viral Infections in Kidney Transplant Recipients, presented at the American College of Surgeons Meeting, P. R. Chapter, San Juan, P. R., 23 Feb 83.
67. Santiago-Delpín, E. A.: Basic Transplant Immunology, presented at Fifth Annual Symposium - ESRD, Concepts of Renal Transplantation: A 1983 Review, San Juan, PR, 8 April 83.
68. Santiago-Delpín, E. A.: El Sistema Inmunológico y los Efectos de Malnutrición, presented at Second Annual Convention. (Guest) Asociación Puertorriqueña de Nutrición Enteral y Parenteral. San Juan, P.R., 6 Nov 1983.
69. Rosario, M.O., Estrada, C., Morales, R., Santiago-Delpín, E. A., Hyperlipidemic Patients Show Altered Phospholipid Composition on the Erythrocyte Membrane Surface, presented at 1984 MBRS Symposium, Washington DC, April 1984.
70. Santiago-Delpín, E. A.: Dysimmunity States, presented at the First Meeting of the Puerto Rico Society of Critical & Coronary Medicine, San Juan, P. R., June 9, 1984.
71. Santiago-Delpín, E. A.: Organ Procurement for Transplantation, presented at the First Meeting of the Puerto Rico Society of Critical & Coronary Medicine, San Juan, P. R., June 9, 1984.
72. Santiago-Delpín, E. A.: Organ Transplantation as Reflection of a Humanity in Transition, presented at the Summer Meeting, American College of Surgeons, P.R. Chapter, Dorado, P. R., August 1984.
73. Santiago-Delpín, E. A.: Conventional Immunosuppression and Monitoring for Rejection and Infection, presented at course on "Practical Aspects of Immunosuppression in Kidney Transplant Recipients", San Juan, P. R., September 16, 1984.
73. Santiago-Delpín, E. A.: Immunosuppression, Guest Lecturer at 1984 regional meeting of the Puerto Rico Chapter of the American College of Physicians, Dorado, P. R., Oct 5 1984.
74. Santiago-Delpín, E. A.: Reflections on the Adolescence of Humanity, Presidential Address, American College of Surgeons – PR Chapter, 19 Feb 1985.
75. Santiago-Delpín, E. A.: Neurologic Complications in Kidney Transplantation, presented at the Seventh Annual Renal Symposium, San Juan, P. R., April 19, 1985.
76. Santiago-Delpín, E. A.: Histocompatibility Antigens, presented at the Seventh Course on Immunology in P.R., San Juan, PR, Sept 22, 1985.
77. Santiago-Delpín, E. A.: Dysimmunity States, presented at the Seventh Course on Immunology in P.R., San Juan, PR, Sept 22, 1985.
78. Santiago-Delpín, E. A.: Immunology of Organ Transplantation, Keynote Speaker at Annual Biology week, BBB Honor Society, San Juan, PR, Oct 23, 1985.
79. Santiago-Delpín, E. A.: Clinical Transplantation, Keynote Speaker, Annual meeting, Southern Medical Society, Ponce, PR, Dec 3, 1985.

80. Santiago-Delpín, E. A.: Update of Renal Transplantation, Guest Speaker, Annual Seminar, Palmeto General Hospital, San Juan, PR, March 14, 1986.
81. Santiago-Delpín, E. A.: De Genesis A Godot o La Adolescencia de la Humanidad, 1987. Guest Lecture, Annual Initiation Lectureship, Alpha Omega Alpha Honor Medical Society, San Juan, Puerto Rico, May 11, 1987.
82. Santiago-Delpín, E. A.: El Efecto Immunodepresor de los Lípidos Dietarios, 1987. Alpha Omega Alpha Scientific Lecture, San Juan, Puerto Rico, May 12, 1987.
83. Santiago-Delpín, E. A.: El Paradigma Inmunológico Actual, (Guest) Presented at the First Central American Symposium on Kidney Transplantation, San José, Costa Rica, July 23, 1987.
84. Santiago-Delpín, E. A.: Kidney Transplantation in Puerto Rico, in Ibid, July 24, 1987.
85. Santiago-Delpín, E. A.: The Use of Cyclosporine A in Live-Related and Cadaver Kidney Transplantation, in Ibid, July 25, 1987.
86. Santiago-Delpín, E. A.: The Rediscovery of the Neuro-Immuno-Endocrine Axis, Invited Lecture , Presented at the 28th Convention, Sociedad de Médicos Graduados de la UPR, San Juan, Puerto Rico, September 5, 1987.
87. Santiago-Delpín, E. A.: Cambios Inmunológicos en el Paciente Trasplantado, Guest Speaker, First Dominican Convention on Dialysis and Transplantation, Santo Domingo, Nov 5, 1987.
88. Santiago-Delpín, E. A.: Experience in Transplantation in Puerto Rico, in Ibid.
89. Santiago-Delpín, E. A.: Kidney Transplantation in Puerto Rico, XIX Congress of the "Confederación Americana de Urología", San Juan, Nov 16, 1987.
90. Santiago-Delpín, E. A.: Experiencias en Trasplante Renal, First Congress on Nephrology and Hypertension in Puerto Rico, San Juan, PR, Nov 29, 1987.
91. Santiago-Delpín, E. A.: Kidney Transplantation in Puerto Rico: 10 years experience, Presented at Annual Congress, American College of Surgeons, Puerto Rico Chapter, San Juan, Puerto Rico, February 9, 1988.
92. Santiago-Delpín, E. A.: The Donation Problem in the Puerto Rican Population, presented at the S.E.O.P.F. Forum "Approaches to the Minority Organ Donor", S.E.O.P.F. Triannual Meeting, Tampa, Florida, January 14, 1988.
93. Santiago-Delpín, E. A.: Organ Transplantation, State-of-the-Art Lecture, American College of Physicians, Puerto Rico Chapter, Sept 23, 1988.
94. Santiago-Delpín, E. A.: Eje Neuro-Endocrinoinmunológico, Honor Lecture, Puerto Rico Society for Critical Care, Sept 24, 1988.

95. Santiago-Delpín, E. A.: Nutrición e Inmunología: Paradigma Actual, 23rd Lydia J. Roberts Honor Lectureship Cycle, Oct 13, 1988.
96. Santiago-Delpín, E. A.: Cómo Alteran los Lípidos Dietarios el Sistema Inmunológico, 23rd Lydia J. Roberts Honor Lectureship Cycle, Oct 14, 1988.
97. Santiago-Delpín, E. A.: Principios de Inmunosupresión Clínica, 2nd Convention on Dialysis and Transplantation Dominican Republic, Nov 9-12, 1988.
98. Santiago-Delpín, E. A.: Impacto de Ciclosporina in *Ibid*.
99. Santiago-Delpín, E. A.: Infecciones en el Paciente de Trasplante, in *Ibid*.
100. Santiago-Delpín, E. A.: El Desarrollo de un Programa de Trasplante Cadavérico, in *Ibid*.
101. Alonso, N., Cruz, G., Santiago-Delpín, E. A., The Effect of Oral White Blood Cell Feeding on Skin Graft Survival in Mice, Presented 9th F. L. Raffucci Surgical Forum, San Juan, Puerto Rico, February, 1989.
102. Gómez, J. T.; Nettleship, E.; Alemañy, M.; Echegaray, J.; Lavergne, J.; Santiago-Delpín, E. A., Flow Cytometry of Urine Sediments After Kidney Transplantation, In *ibid*.
103. Hernández, S.; Lavergne, J., Santiago-Delpín, E. A., Effects of Dietary Lipids on Primary and Secondary Antibody Responses to Sheep Red Blood Cells, In *ibid*.
104. Santiago-Delpín, E. A.: Dysimmunity: An Unsuspected Adversary in Surgery, Guest Lecture, 39th American College of Surgeons Meeting, San Juan, Puerto Rico, February, 1989.
105. Santiago-Delpín, E. A.: Etica del Trasplante, Presented at 11th Annual Scientific Meeting, Puerto Rico Chapter, American College of Emergency Physicians, Ponce, Puerto Rico, March 1989.
106. Santiago-Delpín, E. A.: Immunosuppression, Guest Lecture, Sociedad Venezolana de Urología, Caracas, Venezuela, July, 1989.
107. Santiago-Delpín, E. A.: Clinical Transplantation, Guest Lecture, in *ibid*.
108. Santiago-Delpín, E. A.: Advances in Kidney Transplantation, (Guest) Sixth Health Congress, Medical Services of Mexico City, Mexico, February 1990.
109. Santiago-Delpín, E. A.: Conceptos Actuales en Trasplante Renal, (Guest) in Second Central American Congress of Nephrology, El Salvador, Nov 1990.
110. Santiago-Delpín, E. A.: Classical and Modern Treatment in Renal Transplantation, in *ibid*
111. Santiago-Delpín, E. A.: Transplantation in Central America, in *ibid*
112. Santiago-Delpín, E. A.: Medical and Surgical Complications of Renal Transplantation, in *ibid*

113. Santiago-Delpín, E. A.: Ethics and Technology in Renal Transplantation, 5th International Symposium on Medicine for the 21st Century, Mexico, Feb 1991.
114. Santiago-Delpín, E. A.: Experiences with Transplantation in Puerto Rico, Organ Transplant Course, Mexican Academy of Surgery, Mexico, Feb 1991.
115. Santiago-Delpín, E. A.: Transplantation and Social Introspection, Guest Lecture, Ethical Forum, 12th Annual Research Forum, UPR, San Juan, Dec 1991.
116. Santiago-Delpín, E. A.: Ethics in Transplantation, 5th Boyd Palmer Memorial Lecture, San Germán, PR, March 1991.
117. Santiago-Delpín, E. A.: Kidney Transplantation in New Perspectives in Nephrology, Congress Renal Council, San Juan, May 1991.
118. Santiago-Delpín, E. A.: Transplantation in Latin America, Plenary Lecture, The Society for Organ Sharing First International Congress, Rome, June 1991.
119. Santiago-Delpín, E. A.: Doce Mil Años de Profesionales de la Salud, Commencement Speech, 25th Graduation Ceremony, University of Puerto Rico, Medical School Campus, San Juan, June 1991.
120. Santiago-Delpín, E. A.: El Médico Humanizado: Modelo Didáctico Integrador, presented at First IberoAmerican Congress on the History of Medicine, San Juan, PR, Nov 18, 1992.
121. Santiago-Delpín, E. A.: Eutanasia: Clarificando Conceptos, Invited Talk, 7th Congress of Critical Medicine, San Juan PR, Jan 26, 1992. (move up to 1992)
122. Santiago-Delpín, E. A.: La Biología del Trasplante, Cátedra de Honor Nicolás Pichardo, Dominican Republic, April 1993.
123. Santiago-Delpín, E. A.: Biología Celular y Molecular del Trasplante, presented at the XVIII Jornadas Científicas, Centro Médico Paitilla, Panamá, July 16, 1993.
124. Santiago-Delpín, E. A.: Manejo de las Complicaciones en Trasplante Renal, in *ibid*.
125. Santiago-Delpín, E. A.: Trasplante Renal: Experiencia Latinoamericana, in *ibid*.
126. Santiago-Delpín, E. A.: Biología Celular y Molecular del Trasplante, Guest Lecture, presented at Symposium on State of the Art of Organ Transplantation, Centro Hospitalario del Estado Mayor Presidencial, Mexico City, Mexico, Sept 14, 1993.
127. Santiago-Delpín, E. A.: Transplantation in Latin America, in *ibid*
128. Santiago-Delpín, E. A.: Avances en Inmunobiología de Trasplante, Magisterial Conference, 9th Latin American Nephrology Congress, and 2d Ibero American Nephrology Congress, San Juan, PR, 1993.

129. Santiago-Delpín, E. A.: La Crisis en los Servicios de Enfermería en Puerto Rico, Guest Lecture, Puerto Rico Hospital Association, San Juan, PR, Dec 10, 1993.
130. Santiago-Delpín, E. A.: Biology and Current Clinical Practice of Organ Transplantation, Invited Lecture, American College of Surgeons, PR Chapter, Annual Congress, San Juan, PR, Feb 1994.
131. Santiago-Delpín, E. A.: Transplant in High Risk Patients, Guest lecture presented at the International Transplant Symposium. 25th Anniversary of Kidney Transplantation in Perú. Lima, Perú, August 1994.
132. Santiago-Delpín, E. A.: Biology of Organ Transplantation. in *ibid*.
133. Santiago-Delpín, E. A.: Modern Immunosuppression. in *ibid*.
134. Santiago-Delpín, E. A.: Organ Commerce and Other Alleged Criminal Acts: Report on Middle America, Ethics Committee, XV World Congress of the Transplantation Society, Kyoto, Japan, August 1994.
135. Santiago-Delpín, E. A.: The Ethics of Organ Donation. 35th Annual Convention Sociedad de Médicos Graduados de la Universidad de Puerto Rico. San Juan, PR, Sept 4, 1994.
136. Santiago-Delpín, E. A.: Fronteras de la Inmunosupresión, Guest Lecture, American Nephrology Nurses Association - Puerto Rico Chapter, IX LatinAmerican Nephrology Congress, San Juan, PR, Oct 1994.
137. Santiago-Delpín, E. A.: Advances in the Biology of Transplantation, Keynote Speech, IX LatinAmerican Nephrology Congress, San Juan, PR, Oct 1994.
138. Santiago-Delpín, E. A.: La Adolescencia de la Humanidad, Honor Speaker, Annual Initiation, Alpha Omega Alpha Medical Society, Universidad Central del Caribe, Bayamón, PR, Oct 1994.
139. Santiago-Delpín, E. A.: Importancia de las Humanidades en la Educación Médica, Guest Speaker, XVIII Anniversary Universidad Central del Caribe, Nov 1994.
140. Santiago-Delpín, E. A.: Molecular Biology of Organ Transplantation, Guest Speaker Annual Congress American College of Surgeons, PR Chapter, San Juan, PR Feb 1995.
141. Santiago-Delpín, E. A.: Infecciones en Trasplante Renal, Guest Speaker Transplant Course, Instituto de Nefrología, Havana, Cuba, April 1995.
142. Santiago-Delpín, E. A.: Aspectos Moleculares del Rechazo Agudo y Crónico. Guest Speaker, VIII Latin American Transplant Congress, Havana, Cuba, April 1995.
143. Santiago-Delpín, E. A.: Inmunosupresión en Trasplante de Organos, Guest Speaker, II Symposium on Organ Transplantation, Hospital Militar, Caracas, Venezuela, Jun 1995.

144. Santiago-Delpín, E. A.: Present and Future of Cadaveric Organ Procurement in Latin America, Guest Speaker, XIII International Congress of Nephrology, Madrid, Spain, July, 1995.
145. Santiago Delpín, E.A.: Biología Molecular de la Respuesta Celular Inmunológica, Honor Speaker, "V - Dra. Antonia Novello Honor Lecture", 36th Annual Convention, Sociedad de Médicos Graduados de la Universidad de Puerto Rico, San Juan, P.R. 2 Sept. 1995.
146. Santiago Delpín, E.A., Ethical Paradigms in Organ Transplantation, Invited Lecture, IV Pan American Congress on Dialysis and Transplantation, Mexico City, 1 Nov. 1995.
147. Santiago Delpín, E.A., La Edad y el Trasplante Renal, Guest Lecture, IV-Pan American Congress on Dialysis and Transplantation, Mexico City, 4 Nov. 1995.
148. Santiago Delpín, E.A., Age, Immunity and Transplantation, Guest Speaker, 46th Annual Meeting, American College of Surgeons - Puerto Rico Chapter, San Juan, P.R., Feb. 1996.
149. Santiago Delpín, E. A., Early Events in Acute Organ Rejection, Guest Lecture, Annual Congress, Mexican Society of Nephrology, México City, March 1996.
150. Santiago Delpín, E. A., Advances in the Theory of Practice of Immunosuppression, Guest Lecture, Annual Congress, Mexican Society of Nephrology, México City, March 1996.
151. Santiago Delpín, E. A., Transplantation in Latin America: 40,000 transplants, Invited Lecture, XVI Congress International Transplantation Society. Barcelona, Spain, August 1996.
152. Santiago Delpín, E. A., New Transplantation Force: The developing countries. International Press Discussion. XVI Congress International Transplantation Society. Barcelona, Spain. August 1996.
153. Santiago-Delpín, E.A., Transplantation in Latin America, Luis A Sanjurjo Memorial Lecture, Annual Convention, Puerto Rico Urological Association, San Juan, PR, Nov 14, 1996.
154. Santiago-Delpín, E. A., Registro LatinoAmericano, Guest Lecture, Symposium: "Trasplante de Organos: Un compromiso de la Sociedad", Mexico City, Nov 1996.
155. Santiago-Delpín, E. A., Guest Lecture: "La Biología Molecular del Rechazo Agudo", Argentinian Society of Nephrology, Buenos Aires, Argentina, Dec 1996.
156. Santiago-Delpín, E. A., Guest Lecture, Closing Lecture: "Factors Affecting Graft Survival", Transplant Course, Nephrology Institute, Buenos Aires, Argentina, Dec 1996.
157. Santiago-Delpín, E. A., Guest Lecture: "Transplantation in Latin Countries", Transplant Course, Nephrology Institute, Buenos Aires, Argentina, Dec 1996.
158. Santiago-Delpín, E. A., Immunosuppression for the general surgeon, Invited lecture 47th annual meeting, American College of Surgeons - Puerto Rico Chapter, San Juan, PR, Feb 12-15, 1997

159. Santiago-Delpín, E. A., Trasplante: pasado, presente y futuro. Keynote Speaker, 3rd Health Symposium, InterAmerican University, Guayama, PR., April 4, 1997.
160. Santiago-Delpín, E. A., How should we retransplant patients after graft loss due to non-compliance? Conference on transplantation and clinical immunology. Lyon, France, June 9, 1997.
161. Santiago-Delpín, E. A., Immunologic tolerance: Is this the answer to the problem of organ transplantation? Guest speaker 38th annual convention, Soc Med Graduados Univ Puerto Rico, San Juan, PR, August 30, 1997.
162. Santiago-Delpín, E. A., (read by Bernardo Rodríguez Iturbe) Legislación uniforme para trasplante de órganos, Invited Speaker, 9th LatinAmerican Transplant Congress, Bolivia, October 1997.
163. Santiago-Delpín, E. A., Renal Transplantation: The role of government, providers and the community. Renal Disease in the Caribbean, San Juan, PR, February 6, 1998.
164. Santiago-Delpín, E. A., La ética de la investigación en animales. Segundo Congreso Caribeño de Bioética. Mayagüez, PR. Marzo 4-7, 1998.
165. Santiago-Delpín, E. A., La experiencia de trasplante en América Latina. Invited Lecture VI Congreso Latinoamericano del American College of Surgeons, Ciudad de México, May 8, 1998.
166. Santiago-Delpín, E. A., The many contributions of transplantation to medicine and the humanity. Keynot Adress. Congress on Present and Future of Transplant (In honor of Drs. Felix Rapaport and Thomas Starzl), Buenos Aires Argentina, June 1, 1998.
167. Santiago-Delpín, E. A., The Latin American Transplant Registry, Invited Symposium Lecture, XVII World Congress, The Transplantation Society, Montréal, July 1998.
168. Santiago-Delpín, E. A., Tolerancia inmunologica como solución final al rechazo, Guest Lecture, VI Central American and Caribbean Nephrology Congress, Santo Domingo, July 1998.
169. Santiago-Delpín, E. A., Protocols Inmunosupresores con las nuevas drogas: Aspectos Práctics, in *ibid.*
170. Santiago-Delpín, E. A., Presente, pasado y futuro del trasplante renal, Keynote Speaker, VI Central American and Caribbean Nephrology Congress, Santo Domingo, July 1998.
171. Santiago-Delpín, E. A., Registro Latino Americano de Trasplante de Organos, Invited Lecture, V Catalan Trasplante Congress, Barcelona, Spain, Jan 1999.
172. Santiago-Delpín, E. A., The many contributions of transplant to science and humanity. Invited lecture 49th annual meeting. American College of Surgeons PR Chapter, San Juan. Feb 1999.

173. Santiago-Delpín, E. A., Registro Latino Americano de Trasplante. Invited Lecture, 10th Latin and 5th PanAmerican Latin Congress, Canela, Brasil. March 1999.
174. Santiago-Delpín, E. A., Una incursión inmunogenética en nuestra historia. Conferencia Magistral de Incorporación a la Academia Científica y de Cultura IberoAmericana. San Juan, PR, Abril 22, 1999.
175. Santiago-Delpín, E. A., Transplant Immunosuppression, Guest Speaker, Fundación Puertorriqueña del Riñon Annual Meeting, Mayagüez, PR, April 1999.
176. Santiago-Delpín, E. A., Trasplante: Tendencias en inmunosupresión, Invited Lecture, X Symposium, American Nephrology Nurses Association – Caribbean Chapter, San Juan, PR. May, 1999.
177. Santiago- Delpín, E. A., Trasplante Renal, Invited Lecture, XIV Congress of the Latin American Clinical Biochemistry Congress, San Juan, August 1999.
178. Santiago-Delpín, E. A., Trasplante de Riñón y el Futuro de los Trasplantes en Puerto Rico, invited lecture, III Assembly of the Colegio de Médicos de Puerto Rico, San Juan, October 1999.
179. Santiago-Delpín, E. A., 22 Años y 730 Trasplantes Después ..., Invited Lecture, Ateneo de Puerto Rico, San Juan, Puerto Rico, October 1999.
180. Santiago-Delpín, E. A., El Haiku: ¿Epigrama Japonés, o Esencia Poética Universal?, Investiture Speech, Academia Puertorriqueña de la Lengua Española, San Juan, Puerto Rico, November 1999.
181. Santiago-Delpín, E. A., Advanced Immunosuppression for the Practicing Nephrologist, Invited Novartis Lecture, Sociedad Puertorriqueña de Nefrología e Hipertensión, San Juan, Puerto Rico, November 1999.
182. Santiago-Delpín, E. A., El médico como escritor y literato, guest lecture, Ateneo de Puerto Rico, 28 Jan 2000.
183. Santiago-Delpín, E. A., Reflexiones y percepciones del trasplante de órganos en Puerto Rico, Guest Lecture, ANNA PR Kidney Foundation meeting, San Juan, 6 Feb. 2000.
184. Santiago-Delpín, E. A., Organ transplantation in developing countries, Invited Lecture, 50th Annual meeting, PR Chapter American College of Surgeons, 17 Feb. 2000.
185. Santiago-Delpín, E. A., Trasplante renal en Puerto Rico – Experiencia de 23 años, Invited Lecture, 50th Anniversary meeting University of Puerto Rico Medical School, 13 Jun 2000.
186. Santiago-Delpín, E. A., Tendencias actuales en la inmunosupresión moderna, Invited

Lecture, PR Pharmacists Association, San Juan, 27 June 2000.

187. Santiago-Delpín, E. A., Opciones prácticas con los inmunosupresores modernos. Guest Speaker, 1er curso internacional de trasplante renal del Hospital Padre Billini, Santo Domingo, Dominican Republic, 14 July 2000.
188. Santiago-Delpín, E. A., Nuevas estrategias de inmunosupresión, Invited Lecture, VII Congreso Centro Americano y del Caribe de Nefrología, Managua, Nicaragua, 26 July 2000.
189. Santiago-Delpín, E.A., Obstáculos a los trasplantes en América Latina, Invited Lecture, VII Congreso Centro Americano y del Caribe de Nefrología, Managua, Nicaragua, 29 July 2000.
190. Santiago-Delpín, E.A., Surgical and medical complications of kidney transplantation, Guest Speaker, 51st Annual Meeting of the American College of Surgeons, PR Chapter, San Juan, Feb 14-17, 2001.
191. Santiago-Delpín, E.A., Transplantation: New immunosuppressive modalities, State of the Art Invited Lecture, National Kidney Foundation, Orlando, FL, April 17-22, 2001.
192. Santiago-Delpín, E.A., Immunosuppressants: a perspective, Invited Lecture, 52nd. Annual Meeting, American College of Surgeons, Puerto Rico Chapter, San Juan, PR, 8 Feb 2002.
193. Santiago-Delpín, E.A., Molecular aspect of early events in sensitization, Guest Speaker XII Latin American Nephrology Congress, San Jose, Costa Rica, 16 abril 2002.
194. Santiago-Delpín, E. A., The biology of immune recognition: in sights derived from clinical organ transplantation, XXIII Annual Lecture on Allergy & Immunology, University of Puerto Rico Medical School, San Juan, P.R., 23 abril 2002.
195. Santiago-Delpín, E.A., Panorama del Trasplante en América y el Mundo, Keynote Address, VI Latin American Nephrology Congreso, Ecuador, 24-October-2002.
196. Santiago-Delpín, E.A., Complicaciones Quirúrgicas del Trasplante Renal, Conferenciante invitado, VI Congreso de Nefrología, Sociedad Ecuatoriana de Nefrología, Guayaquil, Ecuador, 24-October-2002.
197. Santiago-Delpín, E.A., La Inducción en Inmunosupresión para Trasplante, Plenary Lecture, VI Congreso de Nefrología, Sociedad Ecuatoriana de Nefrología, Guayaquil, Ecuador, 24-October-2002.
198. Santiago-Delpín, E. A., Ethical Dilemmas: Transplantation in Prisoners and the mentally Disabled, Invited Talk, 7th Catalan Transplantation Society, Barcelona, Spain, Feb 2003.
199. Santiago-Delpín, E.A., The Endothelium and early immune activation, Inaugural Plenary Lecture, XVI Latin American Transplant Congress, Cusco, Perú, May 2003.
200. Santiago-Delpín, E.A., Physiologic and Pharmacologic management of the cadaver

- donor, Invited Talk, in *ibid*, May 2003.
201. Santiago-Delpín, E.A., Manejo del Rechazo Agudo, in *ibid*, May 2003.
 202. Santiago-Delpín, E. A., 25 Años y 1000 Trasplantes, El Significado para los Pacientes y para Puerto Rico, Keynote Speaker, Fundación Puertorriqueña del Riñón 11º Encuentro de Pacientes Renales, Fajardo, Puerto Rico, June 1, 2003.
 203. Santiago-Delpín, E.A., La Base Molecular y el Éxito Clínico de un Programa Flexible de Inmunosupresion, Guest Speaker, Sociedad Puertorriqueña Nefrología Seminar, Fajardo, Puerto Rico, May 31, 2003.
 204. Santiago-Delpín, E.A., La Trayectoria de Trasplante de Riñón en Puerto Rico, Guest Speaker, 2^{do}. Encuentro ANNA de Enfermería en Nefrología, Fajardo, Puerto Rico, May 31, 2003.
 205. Santiago-Delpín, E.A., Los Médicos en la Literatura, Poetry Reading, Convención Sociedad Médica Distrito Norte, Bayamón, Puerto Rico, September 12, 2003.
 206. Santiago-Delpín, E.A., 25 Años y 1000 Trasplantes Renales en Puerto Rico, Guest Speaker 1^{er} Taller Donación y Trasplante Cadavérico, Santo Domingo, Rep. Dominicana, Sept. 20, 2003.
 207. Santiago-Delpín, E.A., Manejo Fisiológico y Farmalógico del Donante Cadavérico, in *ibid*.
 208. Santiago-Delpin, E.A., Book Presentation of Fenny Colon's, Haiku: Por las Veredas de mi Huerto, San Juan, Puerto Rico, 2003.
 209. Santiago-Delpín, E.A., El Endotelio como Elemento Inicial en la Activacion Inmunologica Guest Speaker, Encuentro Renal, Fundacion Puertorriqueña del Riñon, June 13, 2004.
 210. Santiago-Delpín, E.A., Qué debe Saber el Paciente Renal Sobre los Accesos Vasculares y su Manejo, Guest Speaker in *ibid*.
 211. Santiago-Delpín, E.A., La Cirugía del Trasplante Renal y sus Complicaciones, Guest Lecture, XV International Surgical Congress, Dominican College of Surgeons, Punta Cana, Dominican Republic, July 8, 2004.
 212. Santiago-Delpín, E.A., Experiencia de 1000 Trasplantes en Puerto Rico, Lecciones Aprendidas, in *ibid*.
 213. Santiago-Delpín, E.A., Problemas Éticos Resueltos y sin Resolver en Trasplante de Órganos, in *ibid*.
 214. Santiago-Delpín, E.A., Increased Organ Donation: The Puerto Rican Model, Invited Talk, 8th Catalan Transplant Congress, Barcelona, feb 6, 2005.
 215. Santiago-Delpín, E.A., Éxito en la Promocion de la Donacion de Organos en Puerto Rico, Invited Lecture, Pan American Health Organization Seminal, Montevideo, 22-23 feb 2005

216. Santiago-Delpín, E.A, Assessing Changes in Post-transplant renal Function in the US and Puerto Rico, Guest Speaker, Sociedad Puertorriquena de Nefrologia e Hipertension, San Juan, PR, 24 feb 2005.
217. Santiago-Delpín, E.A, Experience with 1200 Kidney Transplants in Puerto Rico with Latin American Correlates, Invited Speaker, Oschner Clinic Symposium on Advances in Transplantation, Ponce, PR, 29 April 2005.
218. Santiago-Delpín, E.A, Trasplante en America Latina y el Caribe, Invited Lecture and Visiting Professor, ABC Hospital, Mexico City, Mexico, 17 May 2005.
219. Santiago-Delpín, E.A, El Donante Vivo: un Heroe a Proteger, Invited Lecture, Mexican Academy of Surgery, Mexico City, Mexico, 17 May 2005.
220. Santiago-Delpín, E.A, Twenty Eight Years of Renal Transplantation in Puerto Rico, Guest Speaker, Regreso a Casa Urology Symposium-2005, San Juan, PR, 27 May 2005.
221. Santiago-Delpín, E.A, El Imperativo Etico de Ser Humanista, y la Obligacion de Actuar, Graduation Speech, 49th Urology Graduation, University of Puerto Rico, 27 May 2005.
222. Santiago-Delpín, E.A, Gudelines for monitoring and follow up of kidney transplant recipients, Invited Speaker, Fundacion Puertorriquena del Rinon – 10mo Encuentro de Pacientes Renales, Riomar, PR, 12 June 2005.
223. Santiago-Delpín, E.A, Transplant Immunosuppression, Invited Speaker, Annual Convention, Puerto Rican Society of Nephrology and Hypertension, Rio Mar, Puerto Rico, 19 Aug 2005.
224. Santiago-Delpín, E.A, Polyclonals in 2005: Introduction and Endothelial Perspectives, Thymoglobulin Advisory Group, XVIII Latin American Transplant Congress, Cancun, Mexico, Oct 11, 2005.
225. Santiago-Delpín, E.A, Thymoglobulin in Renal Transplantation, Thymoglobulin Advisory Group, XVIII Latin American Transplant Congress, Cancun, Mexico, Oct 11, 2005.
226. Santiago-Delpín, E.A, El Imperativo Etico de ser Humanista, y la Obligacion de Actuar, Induction Speech, Academia de Artes y Ciencias de Puerto Rico, Ateneo, San Juan, Puerto Rico, Sept 29, 2005.
227. Santiago-Delpín, E.A, Trasplante de Rinon – tratamientos y dietas en Puerto Rico, Invited Speaker, 48th Annual Convention American Dietetical Asociation – Puerto Rico Chapter, San Juan, PR, March 1, 2006
228. Santiago-Delpín, E.A, Reflexiones Sobre la Adolescencia de la Humanidad, Keynote Speaker, 29th Tri-Capitular Meeting of the American College of Surgeons of Mexico and 20th Anniversary of ATLS Education in Mexico, Guanajuato, Mexico, March 18, 2006
229. Santiago-Delpín, E.A, Endothelial Function in the Transplant Graft, molecular aspects, Guest Speaker, First Karl Brinker Symposium, Dallas Methodist Transplant Institute, Dallas, Texas, April 29, 2006.

230. Santiago-Delpín, E.A., Reflexiones Sobre la Adolescencia de la Humanidad, Graduation Surgical Residents, University of Puerto Rico Medical School, San Juan, May 21, 2006.
231. Santiago-Delpín, E.A., Common Operations in Renal Patients, Guest Speaker, Nutrition Section, XVI Encuentro de Pacientes Renales de Puerto Rico, San Juan, Puerto Rico, June 9, 2006.
232. Santiago-Delpín, E.A., La Evolucion del Concepto de Muerte Cerebral y su Aplicación a Trasplante, y la Experiencia de Puerto Rico, Guest Speaker, XXth Anniversary of the First Kidney Transplant in the Dominican Republic, Santo Domingo, RD, Dec. 3, 2006.
233. Santiago-Delpín, E.A., La Historia de los Trasplantes en America Latina, Guest Speaker, XXth Anniversary of the First Kidney Transplant in the Dominican Republic, Santo Domingo, RD, Dec. 3, 2006.
234. Santiago-Delpín, E.A., The Marked Increase of Organ Donation in Puerto Rico: Causes and Consequences, Keynote Conference, Horizons in Transplantation – An International Congress, Houston, Texas, May 18, 2007.
235. Santiago-Delpín, E.A., The Ethics of Compliance in the Transplant Setting, Patient Symposium on Non-compliance, Horizons in Transplantation – An International Congress, Houston, Texas, May 20, 2007.
236. Santiago-Delpín, E.A., Thymoglobulin use in the Context of Modern Immunosuppression, Thymoglobulin Launching Conference for Mexican Transplant Programs, Mexico City, Mexico, June 1, 2007.
237. Santiago-Delpín, E.A., Gonzalez-Caraballo, Z, Morales-Otero, L, A, Rive-Mora, E, 30 Years of Kidney Transplantation in Puerto Rico, Presidential Conference, Annual Convention of the Society of Nephrology and Hypertension of Puerto Rico, Fajardo, PR, June 29, 2007.
238. Santiago-Delpín, E.A., The ATP Release Assay: what we know, Invited Lecture as visiting professor, Multi-Organ Transplant Program, Toronto General Hospital, Toronto, Ontario, Canada, Oct. 10, 2007.
239. Santiago-Delpín, E.A., The Marked Increase in Organ Donation in Puerto Rico, Causes and Consequences, Guest Conference, Multi-Organ Transplant Program Retreat, Blue Mountain, Ontario, Canada, Oct. 11, 2007.
240. Santiago-Delpín, E.A., A 12-fold Increase in Organ Donation in Puerto Rico, Invited Talk at the 2007 Organ and Tissue Donation Congress, Philadelphia, PA, Nov 12, 2007.
241. Santiago-Delpín, E.A., Reflections on the Adolescence of Humanity, Guest Conference, Annual Tri-chapter Conference, Alpha Omega Alpha Honor Medical Society, San Juan, PR, Feb 2, 2008
242. Santiago-Delpín, E.A., Evolución y Proyecciones de Trasplante en Puerto Rico, Invited Talk, 18th Vivencia Educativa en Trasplante, San Juan, PR, Nov 14, 2008

243. Santiago-Delpín, E.A. Pensamientos sobre el libro de Norman I. Maldonado, “On Health in Puerto Rico”, invited book presentation University of Puerto Rico, Medical Sciences Campus, Nov 25, 2008.
244. Santiago-Delpín, E.A. Enfermedad Cardiovascular en Trasplantes Renales en Puerto Rico, Guest Speaker, XXII Inter American Congress of Cardiology, Fajardo, PR, 16 June 2009.
245. Santiago-Delpín, E.A. El Medico Humanizado: Sus Multiples Dimensiones, Magisterial Conference, First Investment Metting, Academy of Medical Humanities, San Juan, 18 Dec 2009.
246. Santiago-Delpín, E.A. The Extended duties of the Humanistic Physician, Keynote Lecture 60th Anniversary ACS-PR, 60th Annual Meeting American College of Surgeons – Puerto Rico Chapter, Feb 25, 2010
247. Santiago-Delpín, E.A. The Humanistic Physician in Modern Medicine, Main Guest Speaker, Third Annual UCCSOM, Universidad Central del Caribe, Bayamon, PR, May 13, 2010
248. Santiago-Delpín, E.A. Haiku, Experiencia Poetica en el Mundo y en Puerto Rico, Guest Speaker, Fundacion Dr. Panchi Special Fund-Raising Meeting, San Juan, PR, May 20, 2010
249. Santiago-Delpín, E.A. Donante Vivo no Relacionado: ¿Condena Universal? Invited Plenary Speaker, 1er Foro Latinoamericano de Bioetica, XIV Congreso Nacional de Trasplante, Aguascalientes, Mexico, Sept 2, 2010
250. Santiago-Delpín, E.A. El Segundo Libro de Norman Maldonado, “On Health in Puerto Rico II: healthier living and other matters”, invited book presentation University of Puerto Rico, Medical Sciences Campus, Sept 15, 2010.
251. Santiago-Delpín, E.A. La Responsabilidad Extendida del Profesional Humanizado, Guest Speaker, Clinical Transition Ceremony, Law Students, University of Puerto Rico, School of Law, Sept 17, 2010.
252. Santiago-Delpín, E.A. The Evolution of Transplantation in a Hispanic Community... strategies for success in Puerto Rico and Latin America, Visiting Professor, Lahey Clinic, Boston, MA, Nov 9, 2010.
253. Santiago-Delpín, E.A. Ciencia y Lenguaje, presentation, Academia Puertorriquena de la Lengua, San Juan, PR, Nov 18, 2010.
254. Santiago-Delpín, E.A. Chimera Chronicle Invited Presentation on the development of transplantation in Puerto Rico and Latin America, American Society of Transplant Surgeons, Winter Symposium, Hollywood, Florida, Jan 13, 2011.
255. Santiago-Delpín, E.A. El Medico Humanista y su Obligacion Social, Invited Professor, Catedra de Cirugia “Carlos Peralta”, American British Cowdray Medical Center, Mexico City, Mexico, 23 August 2011

256. Santiago-Delpín,E.A., El Endotelio es Critico en la Activacion Inmunologica Inicial, Guest Speaker, Central American and Caribbean Transplant Symposium, San Jose, Costa Rica, 6 May 2012.
257. Santiago-Delpín,E.A., Reflexiones Sobre la Adolescncia de la Humanidad, Catedra de Cirugia “Carlos Peralta”, American British Cowdray Medical Center, Ciudad de Mexico, 3 julio 2012.
258. Santiago-Delpín,E.A., Donacion y Trasplante en America Latina, Invited Conference, VII National Nephrology Congress and XII Spanish-Dominican Nephrology Course, Punta Cana, Dominican Republic, Sept 28, 2012.
259. Santiago-Delpín,E.A., El Endotelio: elemento critico en la activacion inmunologica inicial, Magisterial Conference, VII National Nephrology Congress and XII Spanish-Dominican Nephrology Course, Punta Cana, Dominican Republic, Sept 29, 2012.
260. Santiago-Delpín,E.A., La Etica en los Trasplantes... y en otras cosas mas, Invited Conference, VII National Nephrology Congress and XII Spanish-Dominican Nephrology Course, Punta Cana, Dominican Republic, Sept 29, 2012.
261. Santiago-Delpín,E.A., La Adolescencia de la Humanidad, Closing Lecture, VII National Nephrology Congress and XII Spanish-Dominican Nephrology Course, Punta Cana, Dominican Republic, Sept 29, 2012.
262. Santiago-Delpín,E.A., Nuestra Huella en el Mundo, Principal Guest Speaker, Collaborative Symposium, “Arquitectos de Vida”, Dorado, Puerto Rico, Oct 24, 2012.
263. Santiago-Delpín,E.A., Vascular Access Procedures and their Care, Educational Workshop Dialysis Outcomes in Puerto Rico, Quality Insights & PR Society Nephrology and Hypertension, San Juan, PR, Nov 10, 2012.
264. Santiago-Delpín,E.A., Kidney Transplantation – A Reality Check, Invited Lecture, 58th Convention, Asociacion Puertorriqueña de Graduados Universidades Españolas, Symposium on End Stage Chronic Catastrophic Diseases, Organ Transplants and Tissue Implants, San Juan, PR, Mar 2, 2013.
265. Santiago-Delpín,E.A., Las Multiples Caras del Sistema Inmunologico, Magisterial Conference, 8th Educational Congress of Medical Tecnology, San Juan, PR, March 14, 2013.
266. Santiago-Delpín,E.A., Kidney Transplantation in Puerto Rico in the Context of World Transplantation, Invited Talk, LifeLink Board Meeting and Dedication to Dr Santiago, San Juan, PR, April 4, 2013
267. Santiago-Delpín,E.A., Adolescencia de la Humanidad, Magisterial Lecture, HIMA Hospitals Annual Convention, Ponce , PR, July,2013.
268. Santiago-Delpín,E.A., Donador Vivo: Conflictos Actuales, Invited Talk, Latin American Transplant Congress, Buenos Aires, Argentina, Dec 3, 2013.
269. Santiago-Delpín,E.A., El Profesional Humanista; sus multiples dimensiones, Magisterial

Inaugural Lecture, Masters in Bioethics, Public Health Graduate School and Bioethical Institute, University of Puerto Rico, San Juan PR, 21 Feb 2014.

270. Santiago-Delpín,E.A., A_Mabel Velez de Acevedo, Invited Dedication Speech, XXII Encuentro Educativo de Pacientes Renales, Fundacion Puertorriqueña del Riñón, Aguada, PR, 1 Jun 2014.
271. Santiago-Delpín,E.A., Los Medicamentos de Trasplante: su Nuevo Tratamiento, XXII Encuentro Educativo de Pacientes Renales, Fundacion Puertorriqueña del Riñón, Aguada, PR, 1 Jun 2014.
272. Santiago-Delpín,E.A., Diez Palabras Clave, Commencement Speech, 43rd Graduation Ceremony, Universidad Central del Caribe, Bayamon, PR, 7 June 2014.
273. Santiago-Delpín,E.A., Historian Report 2014, STALYC Board of Directors, at World Transplant Congress, San Francisco, July 29, 2014.
274. Santiago-Delpín,E.A., School Education: a Major Component of a Culture of Donation, Invited Conference, Education Forum, Working Group on Education on Organ Donation and Transplantation for Schools, World Transplant Congress, San Francisco, July 27, 2014.
275. Santiago-Delpín,E.A., La Evolución de los Trasplantes en Puerto Rico en el Contexto del Foro Mundial, y Factores de Éxito, Invited Conference, Colegio de Nutricionistas y Dietistas de Puerto Rico, 39th Convention, Aug 2, 2014.
276. Santiago-Delpín,E.A., las Maravillas de Hoy, y la Generacion Z, Guest Speaker, Jornadas Medicas ABC 2014, Cancun, Mexico, Oct 10, 2014.
277. Santiago-Delpín,E.A., Organización de un Programa de Trasplante, Guest Lecture, 26th Anniversary, Instituto Dominicano de Trasplantes Renales / Fundacion Dr Ashley Baquero, Santo Domingo, Republica Dominicana, December 6, 2014.
278. Santiago-Delpín,E.A., Mecanismo de Accion de Drogas Inmunosupresoras, Guest Lecture, 26th Anniversary, Instituto Dominicano de Trasplantes Renales / Fundacion Dr Ashley Baquero, Santo Domingo, Republica Dominicana, December 6, 2014.
279. Santiago-Delpín,E.A., Advanced Directives: Confusions and Clarifications, invited talk, Conversatorio Asociacion de Hospitales de Puerto Rico, San Juan, PR, January 15, 2015.
280. Santiago-Delpín,E.A., Las Maravillas de Hoy y la Generacion Z – II,, Distinguished Professorial Conference, Hospital ABC, Mexico City, April 21, 2015.
281. Santiago-Delpín,E.A., Las Multiples Caras del Sistema Inmunologico, Distinguished Professorial Conference, Hospital ABC, Mexico City, April 22, 2015.
282. Santiago-Delpín,E.A., La Adolescencia de la Humanidad, Distinguished Professorial Conference, Hospital ABC, Mexico City, April 23, 2015.

283. Santiago-Delpín,E.A., Al Dr Jose L Cangiano, Invited Dedication Speech, XXIII Encuentro Educativo de Pacientes Renales, Fundacion Puertorriqueña del Riñón, San Juan, PR, 28 Jun 2015.
284. Santiago-Delpín,E.A., Organ Donation in Hispanics as a Minority, Invited Video Talk, Minority Donation Education Project, New York University, NY, filmed in PR, <https://vimeo.com/205243082>, 24August, 2015.
285. Santiago-Delpín,E.A., Medical Humanities, Invited Conference, 56th annual Convention, UPR Sociedad de Medicos Graduados, Sept 6, 2015.
286. Santiago-Delpín,E.A., Historian Update, XXIII Latin American Transplant Congress, Cancun, Mexico, 12 Oct 2015
287. Matamoros, MA, Acceso a Terapia de Reemplazo Renal en América Central, Presented by Santiago-Delpín,E.A., XXIII Latin American Transplant Congress, Cancun, Mexico, 14 Oct 2015.
288. Santiago-Delpín,E.A., The Adolescence of Humanity, Keynote Speaker, 65th Annual Convention, Southern Chapter of the Medical Library Association, San Juan, Puerto Rico, 22 October 2015.
289. Santiago-Delpín,E.A., Historia de la Bioetica y los problemas eticos actuales, Invited Speaker, Bioetica y Profesionalismo Workshop, Auxilio Mutuo Hospital, San Juan, PR, 23 November 2015
290. Santiago-Delpín,E.A., Etica en la Asignacion de Prioridades en la Salud – 2: el ejemplo de los trasplante de órganos, Workshop Speaker, Pan American Health Organization, Ethics and Health Priorities Workshop, San Juan, PR, Dec 2, 2015.
291. Santiago-Delpín,E.A., De Genesis a Godot, o La Adolescencia de la Humanidad, Invited Closing Conference, Lecture Cycle on The History of Medicine in Pictures, Museo de la Historia de la Medicina y Ciencias de la Salud and the University of Puerto Rico Medical Sciences Campus, San Juan, PR, December 3, 2015.
292. Santiago-Delpín,E.A., Humanidades Medicas, Invited Conference upon Dedication of Segundas Jornadas Cientificas de Medicina, Auxilio Mutuo, San Juan, February 2, 2016.
293. Santiago-Delpin, EA., Experiences of a Minority Academic Surgeon, Keynote Speaker, IV Minority Faculty Development Conference, San Juan, PR, March 14, 2016.
294. Santiago-Delpin, EA., Los Cuentos de Jose, by Jose Luis Vazquez Colon, Book Presentation, Ateneo de Puerto Rico, San Juan, PR, May 12, 2016.
295. Santiago-Delpin, EA., Status of organ transplantation in Puerto Rico, Invited Conference, 21st Congress of the Michael E DeBakey International Surgical Society, Fajardo, PR, June 24, 2016.

296. Santiago-Delpin, EA, Problems and Prospects in Transplant Immunobiology: a surgeon's perspective, Invited Grand Rounds, San Lucas Surgical Residency Program and Surgical Faculty, Ponce, PR, Sept 9, 2016.
297. Santiago-Delpin, EA, Bioética: el pluralismo de la fundamentación, by Jorge J. Ferrer Negrón, Juan A. Lecaros Urzúa, Róderic Molins Mota, Book Presentation, Librerías Paulinas, San Juan, PR, February 2, 2017.
298. Santiago-Delpin, EA, Filantropía, Invited Speaker, Inaugural Meeting, Fundación Puertorriqueña para el Mejoramiento de la Dermatología, San Juan, PR, April 1, 2017
299. Santiago-Delpin, EA, Trasplante de Órganos en Puerto Rico y en el Mundo, Invited Speaker, Tercer Encuentro, Grupo de Apoyo Amigos Pre y Post Trasplantados y sus Familias, San Juan, PR, May 6, 2017
300. Santiago-Delpin, EA, The History and Evolution of the Latin American Transplant Registry, Second Central American and Caribbean Renal Transplant Meeting, San Salvador, El Salvador, Aug 18, 2017
301. Santiago-Delpin, EA, Historian Update, XXIV Latin American Transplant Congress, Montevideo, Uruguay, Sept 2, 2017.
302. Santiago-Delpin, EA, Bioética y Profesionalismo – I: Ética y Bioética, Invited Lecturer, Jornadas Científicas, Auxilio Mutuo, March 6, 2018.
303. Santiago-Delpin, EA, Bioética y Profesionalismo – II: Profesionalismo y Humanismo, Invited Lecturer, Jornadas Científicas, Auxilio Mutuo, April 24, 2018.
304. Santiago-Delpin, EA, Research Grant Colloquium, Dermatology Research Foundation, Dermatology Residents and Staff, May 9, 2018.
305. Santiago-Delpin, EA, Profesiones de la Salud: qué son y cómo decido, Invited Talk in “Seminario de Verano: 2018, Explorando las profesiones de la salud”, for Students from high schools and college in Puerto Rico, UPR Medical Sciences Campus, San Juan, PR, June 11, 2018.
306. Santiago-Delpin, EA, Why Is society attacking the health system and what can we do about it, Invited conference, Congreso Sociedad de Medicos Graduados de la UPR, San Juan, 9.1.18
307. Santiago-Delpin, EA, , Etica y Bioetica, Invited Speaker, 41st Course in Pediatrics, Auxilio Mutuo Hospital, San Juan PR, October 9, 2018
308. Santiago-Delpin, EA, Profesionalismo y Humanismo, Invited Speaker, 41st Course in Pediatrics, Auxilio Mutuo Hospital, San Juan PR, October 9, 2018
309. Santiago-Delpin, EA, ¿Por qué la sociedad actual estigmatiza al médico?, Invited Conference, Centro Medico ABC, CDMX, Mexico, March 5, 2019

310. Santiago-Delpín,EA, El cuarto tutor, el quinto tutor y la etica del comunicador: una reflexion, Invited Speaker, XI Congreso Latino Americano y del Caribe de Instituciones de Bioetica, San Juan, PR, April 13, 2019.
311. Santiago-Delpín,EA, ¿Por qué la sociedad ataca a los médicos y los sistemas de salud, y qué podemos hacer sobre ello? Plenary Conference, XI Congreso Latino Americano y del Caribe de Instituciones de Bioetica, San Juan, PR, April 13, 2019.
312. Santiago-Delpín,EA, Enrique Marquez Grau, su legado y obra, invited presentation at dedication ceremony on his retirement, 69th Annual Meeting of the American College of Surgeons –PR Chapter, San Juan Pr, May 16, 2019.
313. Santiago-Delpín,EA, Establishing the organ transplantation program in Puerto Rico, Invited Conference, Surgical Symposium on Latino Health, San Juan, PR, June 18, 2019.
314. Santiago-Delpín,EA, Special Recognition to Dr Ernesto Rive Mora, Dedication, 60th Anniversary Congress of the Sociedad de Medicos Graduados de la Universidad de Puerto Rico, San Juan, PR, Oct 12, 2019
315. Santiago-Delpín,EA, Beneficence: from the stone age to the 21st century, Keynote Speech, 60th Anniversary Congress of the Sociedad de Medicos Graduados de la Universidad de Puerto Rico, San Juan, PR, Oct 12, 2019
316. Santiago-Delpín,EA, Morales-Otero, L, Trasplante en Puerto Rico, Invited talk, Simposio especial de transparencia en donacion y trasplante en latinoamerica; seccion de Donacion y Trasplante en la Region Norte, Central y Caribe, XXV Congreso Latinoamericano de Trasplante, Merida, Mexico, Oct 22, 2019 (Oct 22-26, 2019)
317. Santiago-Delpín,EA, Historian Report, XXV Congreso Latinoamericano de Trasplante, Merida, Mexico, Oct 22, 2019 (Oct 22-26, 2019)
318. Duro-Garcia, V, Santiago-Delpín,EA, Update in organ donation and transplantation in Latin America, Invited talk, XXV Congreso Latinoamericano de Trasplante, Merida, Mexico, Oct 23, 2019 (Oct 22-26, 2019)
319. Santiago-Delpín,EA, Reyes-Acevedo, R, Legislacion y distribucion, Invited panel, 10 years after the Aguascalientes Document, XXV Congreso Latinoamericano de Trasplante, Merida, Mexico, Oct 24, 2019 (Oct 22-26, 2019)
320. Santiago-Delpín,EA, Oscar Salvatierra 1938-2019 In Memoriam, invited Dedication, XXV Congreso Latinoamericano de Trasplante, Merida, Mexico, Oct 25, 2019 (Oct 22-26, 2019)
321. Santiago-Delpín,EA, Reseña historica sobre el Trasplante de organos en Latinoamerica, invited closing conference, XXV Congreso Latinoamericano de Trasplante, Merida, Mexico, Oct 26, 2019 (Oct 22-26, 2019)
322. Gonzalez-Martinez, F, Duro-Garcia, V, Santiago-Delpín, EA, Solvable mortality in Latin America related with lack of organs for transplantation, presentation in the XXV Congreso Latinoamericano de Trasplante, Merida, Mexico, (Oct 22-26, 2019).

323. Santiago-Delpín, EA, Que son las condiciones renales y cuales son sintomas de fallo renal...y trasplante en Puerto Rico, Invited Introductory Talk, Primer Foro Educativo de Expertos en Condiciones Renales, Club de Leones de PR, Virtual, Oct 24, 2020
324. Santiago-Delpín, EA, Forty Years of the F L Raffucci Surgical Research Forum and Honor Lecture, Raffucci Honor Lecturer, 70th Annual Meeting of the American College of Surgeons Puerto Rico Chapter, San Juan Puerto Rico, Virtual, February 19, 2021.
325. Santiago-Delpín, EA, Trasplante en America Latina: tanto con tan poco, Keynote Conference, Alpha Omega Alpha Honor Medical Sociaty Annual Initiation, San Juan PR Virtual, April 27, 2021.
326. Santiago-Delpín, EA, Etica y Trasplante, dos caminos paralelos, Guest Conference XV Argentinian Transplant Congress, Buenos Aires Argentina Virtual, May 19, 2021
327. Santiago-Delpín, EA, Medical ethics in research, Invited Conference, 9th Respiratory Congress, Coalicion de Asma y otras Condiciones Respiratorias Cronicas de Puerto Rico, Aug 27, 2021
328. Santiago-Delpín, EA, Francisco L Raffucci Arce: his legacy, video interview for the Salon de la Fama de la Medicina Puertorriqueña, 9.2.21, to be presented at the inauguration I November 2021,
329. Santiago-Delpín, EA, Que son las condiciones renales y cuales son los sintomas de fallo renal. Invited Talk, Segundo Foro Educativo de Expertos en Condiciones Renales, Club de Leones, San Juan PR, 13 October 2021.

EDUARDO A. SANTIAGO-DELPIN
PROFESSIONAL SUMMARY

I. C. V SUMMARY.

Born in Santurce, Puerto Rico on September 18, 1941. Undergraduate (1958-61), Medical School (1961-65) and Surgical Training (1965-70) all in Puerto Rico, and Transplantation and Immunology at the University of Minnesota (1970-72) where an MS in Experimental Surgery was also obtained, concentration in Immunology. Licensed in Puerto Rico and Washington DC. American Board of Surgery 1971, American Society of Transplant Surgeons member (certification) 1974.

Currently Distinguished Professor at the University of Puerto Rico; Surgeon, Auxilio Mutuo and University Hospitals; Historian Sociedad de Trasplante de America Latina y el Caribe; Retired from transplantation and surgery.

Previously Founder and Director Puerto Rico Transplant Program, San Juan Veterans Hospital (1972-1985); Founder and Director Puerto Rico Transplant Program, Auxilio Mutuo Hospital (1982-2013); Founder and Director Tissue Typing Laboratory, San Juan Veterans Administration Hospital (1975-1983); Founder and first Director, Histocompatibility Laboratory, Professor of Pathology, Chairman of Surgery, Associate Dean of Biomedical Sciences and Director of Graduate School, Director of Surgical Research, all at University of Puerto Rico Medical School; Founder and President Transplant Society professional society (1985-2013); President and co-founder, Pan-American Society for Dialysis and Transplantation (1985); Director and co-founder, Latin American Transplant Registry (1989-2001); Secretary (1992-1996) and Treasurer (1996-2002) Western Hemisphere, The Transplantation Society; Second Vice-President Ibero-American Transplant Federation; Secretary General and co-founder, Sociedad de Trasplante de América Latina y el Caribe, 1997-2003. Vice-President Western Hemisphere, Society for Organ Sharing, until 2003; Founding President, Puerto Rican Society of Transplantation, 2007; Director (Director-in Training for ASHI (American Society for Histocompatibility and Immunogenetics)) Immunogenetics Laboratory, Auxilio Mutuo Hospital, 2010-12. Total twenty academic appointments, and 47 administrative positions.

Over 100 Graduate and Research Students, and Transplant Fellows.

Sixty two **societies** and organizations including American Surgical Association, Society of University Surgeons, Association for Academic Surgery, American College of Surgeons, American Society for Histocompatibility and Immunogenetics, NY Academy of Sciences, American Society of Transplant Surgeons, The Transplantation Society, American Association of Immunologists, International Society for Organ Sharing, PanAmerican Society for Dialysis and Transplantation, Sociedad de Trasplante de America Latina y el Caribe, Southern Society for Clinical Investigation, Academia Puertorriqueña de la Lengua Española, Academia Científica y de Cultura IberoAmericana, Real Academia Catalana de la Medicina and Academia de Artes y Ciencias de Puerto Rico.

Former President of Alpha Omega Alpha Honor Medical Society, Puerto Rico Kidney Foundation (twice), American College of Surgeons - Puerto Rico Chapter, Puerto Rico Society of Critical Care Medicine, PanAmerican Society for Dialysis and Transplantation, and Puerto Rico Cadaver Organ and Tissue Board. Former **Director** of the Latin American Transplant Registry and the F.L.Raffucci Surgical Research Forum. **Former Vice President** International Society for Organ Sharing. **Former Secretary and Treasurer** Western Hemisphere International Transplantation Society. **Former Permanent Secretary** Transplantation Society of Latin America and the Caribbean. **Council member** of several societies, and **Editorial Boards** of several journals and books.

Seventy nine **honors** and recognitions including *Doctor Honoris Causa* from Universidad Central del Caribe; 20 **editorial** appointments; 26 **visiting professorships**; **office** (including presidency above) in 25 state, national or international organizations; over 127 advisory board and **committee** appointments in Puerto Rico and internationally; hosted or co-organized 10 congresses; prepared 7 local **state laws**; seed, administrative, research and educational **grant** support from NIH, VA, PR Commonwealth, private foundations, and industry.

Publications include 194 papers and chapters in books and journals on experimental surgery, transplantation and immunobiology; 158 abstracts; 329 invited, guest, keynote, honorary or named lectures; 153 editorials, invited articles, newspaper articles, letters to the editor, reviews, pamphlets, prologues, short stories and poems; and essays and special articles on medical, cultural, literary, ethical or social issues; several journal issues as Guest Editor; one surgical manual; assorted monographs; one videocassette immunology course in Spanish; 3 poetry books; one transplant book in Spanish with two editions; one book on transplantation and humanities, and co-edited two editions of a book on aphorisms and proverbs for the surgeon (total of 33 books, monographs or compilations).

II. CONTRIBUTIONS IN PUERTO RICO

A. Surgical Research in Puerto Rico (subsequent to the pioneering work of Dr. F. L. Raffucci and others, and with many collaborators).

These have been achieved by helping organize various research laboratories in the departments of Surgery and Pathology; establishment of institutional policies and guidelines; education and training of surgeons and students in investigation; directing two surgical research laboratories; by attempting to develop graduate degrees in surgery; by helping create, promoting and directing surgical forums such as the F. L. Raffucci Surgical Research Forum; by fostering and conducting research with surgical residents and students, and mentoring them; by fostering publications and presentations by residents and students in local, national and international meetings; by creating and developing educational foundations such as the F. L. Raffucci Surgical Education Foundation; by writing and lecturing on research. And, by personally conducting surgical research.

B. Transplantation Services for Puerto Rico (with the members of the Transplant Programs and the various institutional staffs of the Veterans Administration and Auxilio Mutuo Hospitals, and the University of Puerto Rico)

These have been achieved by major efforts at Commonwealth and national levels, developing the infrastructure and the organizational, legal, financial, educational, religious, philosophical, cultural, logistical and operational aspects of these services in the pertinent health care facilities in Puerto Rico; by periodic strategic planning exercises; by helping train medical, nursing, technical, paramedical, health, civil, volunteer and administrative personnel; by organizing transplant courses, symposia and congresses; by patient, professional, hospital and public education; by development of information and data systems for transplantation of kidneys and other organs and tissues; by organizing and developing organ preservation facilities for Puerto Rico; by organizing, developing and directing two histocompatibility laboratories in Puerto Rico, and in 2010, directing a third one; by organizing, developing, administrating and managing two transplant programs in Puerto Rico, first at the VA Hospital and later at Auxilio Mutuo Hospital; by helping organize and develop a pancreas transplant program; by assisting with the background, infrastructure platform, preparatory studies and support for the formation of a liver transplant program; by helping organize and develop our initial Organ Procurement Agency; by founding and directing a transplant professional associates society, Transplant Society; by interfusing with health plans and government to optimize fiscal health in the programs; by helping organize and develop the Puerto Rico Kidney Foundation, the Renal Council of Puerto Rico, the Organ, Cadaver and Tissue Board, and similar organizations; by writing, initiating and participating in relevant legislation to foster donation, transplantation and patient care; by defending patients rights including legislation to finance immunosuppressors and continuous efforts to maintain available good immunosuppressive drugs; by improving working and salary conditions for nurses and coordinators; by training transplant surgeons, nephrologists, nurses, coordinators, other transplant specialists and residents from Puerto Rico and abroad; by developing and maintaining the relevant accreditations and certifications, including Medicare, SEOPF, UNOS, CMS, Joint Commission, and the ASTS Transplant Fellowship; by consistently reporting data and activities to local, national and international registries, including Clinical Transplants (Terasaki), SEOPF, UNOS, ASTS, MEDICARE and later CMS, TARC - later Quality Insights, IRODAT which reports to WHO's Global Registry, and RLAT. And, by personally performing transplant operations and practicing transplant immunology and medicine.

C. Contributed to a Scientific Environment in our institutions so as to enhance the position of science, scientists and scientific research.

This has been achieved by joining others in surgical and in immunological research; by public education; by participation and direction of research committees at all levels including the Institutional Review Committee at the UPR Medical Sciences Campus in the 1970's; by emphasizing and promoting relevant philosophical attitudes in our institutions through graduate and administrative committees; by directing undergraduate and graduate students; by writing and lecturing about science; by performing 2 analytical studies on research activities at the University of Puerto Rico Medical Sciences Campus, reported in 1977 (with Drs Roman-Franco and Santos-Martinez), and a second one in 1991; by proposing (unsuccessfully at the time) the

creation of a Deanship of Research in our campus; by promoting organizational reforms in our University system. And, as Associate Dean of Biomedical Science and Director of the Graduate School at the University of Puerto Rico Medical Science Campus.

D. Contributed to the Development of Immunological Facilities and Environment for Puerto Rico, (together with other immunologists from several departments, specialties and institutions)

By lecturing on immunology since 1973 through to today (2020); by promoting the development and directing the immunology activities of the Puerto Rico Cancer Center in the 1970's; by fostering immunological research; by training undergraduate, graduate and post-graduate students; by coordinating available efforts and resources; by helping organize and developing clinical and research immunology laboratories, and directing one; by receiving and administering immunology research grants; by organizing immunology courses, symposia and congresses here and abroad; by helping organize the Puerto Rico Society of Allergy and Immunology, the Immunology Journal Club, the Immunogenetics Journal Club and similar activities and organizations; by assisting in the proposal of the Fellowship in Allergy and Immunology at the UPR; by helping develop the various basic and clinical curricula of immunology, especially in the early 1970's and 80's; by attempts (unsuccessful to date) to organize and develop an Immunology Center at the University of Puerto Rico; by founding, organizing and developing the Histocompatibility Laboratory of Puerto Rico, first at the VA Hospital and later at the Department of Pathology, University of Puerto Rico, and directing the Lab again at Auxilio Mutuo, upon the demise of Director Dr. Angel Rodriguez Trinidad. And by personally conducting research in immunology.

E. Contributed to the development of Bioethics and Medical Humanities (together with other bioethicists, humanists and academic leaders from various institutions).

By participating in committees and sub-committees on curriculum; participating in bioethics committees in Puerto Rico, U.S., Latin America and internationally (TTS); developing and proposing guidelines for bioethical and humanistic curricula; assisting in the organization and development of the Institute of Bioethics, the Academy of Medical Humanities, the Center for Medical Humanities, the Federation of Bioethics, Topics in Bioethics and like organizations and activities; developing and proposing guidelines for model ethical transplant laws; by organizing and directing bioethics and medical humanities seminars for residents, nurses and students. And, by lecturing, writing papers, essays and chapters on bioethics and medical humanities, both locally and internationally.

III. CONTRIBUTIONS ABROAD, ESPECIALLY IN LATIN AMERICA

Together with investigators and clinicians from different Hispanic countries ESD has contributed in various educational, monitoring and organizational aspects of transplantation in Latin America. This has been achieved through visiting professorships, guest lectureships and advisory visits to some Latin American countries; helping found and presiding the PanAmerican Society of Dialysis and Transplantation; founding and co-directing the Latin American Transplant Registry; helping found the Ibero-American Transplant Federation; helping found and directing the Sociedad de Trasplante de América Latina y el Caribe, in 1999 its Permanent Secretary, in 2010 its Historian *ad hoc*, and in 2011 its first Historian; editing two Transplant Books in Spanish, "Trasplante de Organos", with two editions, 1988 and 2000; participating in editorial boards of Hispanic journals; participating in several Hispanic professional societies; helping train Latin American transplant surgeons, nephrologists, immunogenetics technicians and professionals, and transplant coordinators, many of which held leadership professional and administrative positions in their countries and internationally; writing for Hispanic journals; fostering research; fostering publications in English by Latin American authors; research, analysis and publication of transplantation activities in Latin America; promoting participation and visibility of transplant practitioners in international societies and journals.

Also, by participating and contributing in leadership positions, council and committees in other international organizations such as The Transplantation Society, International Society for Organ Sharing, and in the US, the South Eastern Organ Procurement Foundation, United Network for Organ Sharing, American Society of Transplant Surgeons, Partnership for Organ Donation, etc.

IV. **RESEARCH**

1. Contributed information related to organ perfusion and preservation (several papers) while at the University of Minnesota.
2. Contributed information related to pharmacological organ and tissue protection during organ ischemia and shock (several papers) at the University of Puerto Rico.
3. Contributed information demonstrating the depressive effect of lipids on immunocompetent cells (several papers); University of Puerto Rico.
4. Many papers on surgical technique, clinical surgery, immunosuppression and clinical research in transplantation.
5. Many papers, including landmark publications on clinical transplantation in Hispanics and in Latin America.

Mini Bio Prepared for ACS Foro Raffucci 2.19.21 (rev. 10.21.21)

- Born in San Juan, PR on 1941
- Medicine and Surgery at the University of PR
- Transplant Surgery, Immunobiology and Master in Science at the Univ of Minnesota, 1970-72.
- Founder and former Director of Transplantation and Immunogenetics at Veterans Administration, Auxilio Mutuo hospitals and University of PR
- Co-founder Latin American Transplant Registry.
- Co-founder 2 Latin American transplantation societies.
- Secretary and Treasurer of The International Transplantation Society, Vice President of the International Society for Organ Sharing, President of the PanAmerican Society for Dialysis and Transplantation, all in the 1990's.
- Former council or committee member in UNOS, ASTS, TTS, ISODT, STALYC, and several other transplant and surgical societies.
- Member of American Surgical Association, 6 academies and 62 societies.
- Distinguished Professor at University of Puerto Rico.
- Doctor Honoris Causa, Universidad Central del Caribe
- Published 194 scientific articles and book chapters on transplantation, organ preservation, immunology, ethics and surgery; 158 abstracts in scientific congresses; and 153 literary, social, humanities, and education essays, or special articles and reviews; several articles, chapters and books in press (2021)
- Co-edited the only 2 transplant books in Spanish on organ transplantation at the time (Editions in 1988 and 2000), and also published
 - a book on transplantation and the humanities,
 - 3 poetry books;
 - one book of surgical aphorisms and proverbs for residents;
 - one book of short stories (in press);
 - a total of 33 monographs and books.
- Dictated 329 invited, guest, keynote, honorary or named lectures.
- Currently retired after 42 years in transplantation and 50 years in surgery
- Also currently, Historian of the Society of Transplantation of Latin America and the Caribbean, several editorial boards, and coeditor of the series on Transplantation in Latin America

EDUARDO A. SANTIAGO-DELPÍN, MD, MS, FACS

Mini-Bio en Español

Nació en Santurce, Puerto Rico el 18 de septiembre de 1941 de padres puertorriqueños. Estudió ciencias y humanidades, y luego doctorado en medicina en la Universidad de Puerto Rico, internado y residencia en cirugía en su Hospital Universitario donde fue jefe de residentes, y trasplante renal e inmunología en la Universidad de Minnesota, donde obtuvo además, una maestría en cirugía experimental, incluyendo inmunología. Dirigió el Laboratorio de Cirugía Experimental, el Decanato Asociado de Ciencias Biomédicas, la Escuela Graduada, y el Departamento de Cirugía de la Universidad de Puerto Rico. Fundó y co-dirigió por 40 años los Programas de Trasplante de Puerto Rico, primero en el Hospital de Veteranos y luego en el Hospital Auxilio Mutuo, propiciando la transferencia mediante contrato y destaque académico todavía vigente 32 años después, y fundó y dirigió los Laboratorios de Histocompatibilidad del país en Veteranos, la Escuela, y por un tiempo, en Auxilio Mutuo, desarrollando sus plataformas e infraestructuras correspondientes. Escribió y defendió legislación sobre donación, muerte cerebral, inmunosupresores, financiamiento y otros tópicos afines en Puerto Rico, y artículos sobre leyes modelo en la comunidad internacional. Actualmente retirado de cirugía y trasplante pero muy activo en academia.

En su experiencia operatoria de casi 50 años, participó en más de 2,000 trasplantes en Puerto Rico y Estados Unidos, y operaciones vasculares, accesos vasculares y operaciones generales en pacientes trasplantados, renales, inmunosuprimidos o población general, casi todas con fellows, residentes y estudiantes, y los otros cirujanos del Programa. Ayudó en el desarrollo de los servicios de cirugía de acceso vascular en varias instituciones de San Juan. Durante este periodo de tiempo, participó además, con la facultad, en 1-3 clínicas semanales de pacientes renales, vasculares o de trasplante, también con fellows, residentes y estudiantes, que siempre estaban presentes.

Mientras ejercía estas funciones, dedicó tiempo para ayudar a fundar y dirigir varias organizaciones y sociedades locales, regionales e internacionales relacionadas a donación, trasplante, inmunología, ética, humanidades médicas, y el Registro Latinoamericano de Trasplante que recoge los datos de toda la América Latina, y que lleva 25 años de datos y reportes. Además presidió, co-dirigió o estuvo en directiva como vicepresidente, secretario, tesorero, secretario permanente, o historiador, de 44 (de un total de 62) organizaciones locales, regionales e internacionales de cirugía, inmunología, donación y trasplante; participado de 128 comités y juntas asesoras en Puerto Rico e internacionales, y 20 juntas editoriales, científicas y literarias. Tuvo 20 nombramientos o posiciones académicas, y más de 47 posiciones adicionales en administración e investigación a nivel regional, nacional e internacional.

Como investigador obtuvo y manejó donativos clínicos y de investigación, recurrentes muchos de ellos, provenientes de 28 entidades gubernamentales, federales y privadas, resultando en 194 artículos científicos y capítulos de libro sobre trasplante, inmunología, cirugía, ética, y administración; y 158 abstractos en congresos científicos, todos con estudiantes, residentes o fellows, contribuyendo información sobre preservación y protección de órganos y tejidos durante isquemia, cirugía experimental, lípidos y la respuesta inmune, y trasplante en hispanos y en América Latina; en adición a 153 artículos especiales, reportes, ensayos sociales y literarios, y poemas; y tres poemarios, dos de ellos en el género del haiku. Co-editó el

primer y por muchos años, único libro de texto en español sobre trasplante de órganos, con dos ediciones – hoy agotadas – un libro sobre trasplante y humanismo, tres poemarios; y co-editó un libro de aforismos y proverbios para el cirujano: un total de 33 libros, monografías, reportes, y volúmenes de revistas como editor invitado. Organizó o ayudó a organizar más de 10 congresos en Puerto Rico e internacionales, y varios cursos educativos de trasplante e inmunología, incluyendo un video-curso. Ha dictado 329 conferencias magistrales o por invitación, y ha sido profesor visitante en Puerto Rico, Estados Unidos y América Latina.

Es Profesor Distinguido de la Universidad de Puerto Rico, Ex-Director de Trasplante en el Hospital Auxilio Mutuo, miembro de número de la Academia Puertorriqueña de la Lengua Española, miembro honorario de la Real Academia de la Medicina de Cataluña, de la Academia de Artes y Ciencias de Puerto Rico, miembro correspondiente de la Real Academia Española, miembro de la Academia Humanística de la Medicina, Fellow del American Surgical Association, el segundo cirujano puertorriqueño en esa sociedad, Society of University Surgeons, Association for Academic Surgery, miembro doctoral de la American Society for Histocompatibility and Immunogenetics, y la American Association of Immunologists y otras, incluyendo honorarias y correspondientes, para un total de 63 organizaciones profesionales. Ha recibido además, 79 distinciones y reconocimientos profesionales, incluyendo *Doctor Honoris Causa* de la Universidad Central del Caribe, y la dedicatoria del Centro de Trasplante, el cual lleva su nombre.

Como académico y servidor público su influencia en Puerto Rico ha sido principalmente en colaborar en la organización y desarrollo de los trasplantes de órganos, la inmunología, la bioética, las humanidades y la investigación. Su influencia fuera de Puerto Rico ha sido primordialmente en la promoción de los trasplantes, la educación y la investigación en América Latina; en promocionar la unificación de la región mediante publicaciones y la organización de grupos colaborativos y profesionales en donación y trasplante; y en la investigación sobre protección de órganos, inmunología y servicios de salud.

Su carrera como clínico, educador, escritor, investigador, administrador, y servidor público, y su vocación médica están fundamentadas en la educación y apoyo recibidos de su familia (padres, hermana, esposa e hijos) y sus mentores. Reconoce además a sus más de 100 estudiantes de investigación y fellows de trasplante, y resalta cómo se han desarrollado como profesionales y líderes en las ciencias de la salud. Ellos y sus pacientes han sido primordial influencia y guía en su vida.