

CURRICULUM VITAE

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PART I: General Information

Name Ronald V. Lacro

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Place of Birth Pahala, Hawaii

Education

1980 B.S. Northwestern University
1982 M.D. Northwestern University

Postdoctoral Training

Internship and Residency

1982-1983 Intern in Pediatrics, UCSD Medical Center, San Diego
1983-1985 Resident in Pediatrics, UCSD Medical Center, San Diego

Clinical and Research Fellowships

1985-1987 Fellow in Dysmorphology and Genetics, UCSD Medical Center
University of California Medical School, San Diego
1987-1991 Fellow in Cardiology, Children's Hospital
Harvard Medical School, Boston, MA
2002 Schwartz Center Fellowship in Pastoral Care
Clinical Pastoral Education (one unit), Chaplaincy Department,
Massachusetts General Hospital, Boston, MA

Licensure and Certification

1983-1999 California License Registration
1987 Massachusetts License Registration
1987 American Board of Medical Genetics Certificate
1988 American Board of Pediatrics Certificate
1991 Sub-board of Pediatric Cardiology Certificate, American Board of Pediatrics
1998 Sub-board of Pediatric Cardiology Recertification, American Board of Pediatrics

Academic Appointments

1982-1987 Instructor in Pediatrics, UCSD Medical School
1987-1991 Fellow in Pediatrics, Harvard Medical School
1991-1998 Instructor in Pediatrics, Harvard Medical School
1998- Assistant Professor of Pediatrics, Harvard Medical School

Hospital Appointments

1982-1985	Intern and Resident in Pediatrics, UCSD Medical Center
1985-1987	Fellow in Dysmorphology and Genetics, UCSD Medical Center
1987-1991	Fellow in Cardiology, Children's Hospital, Boston
1991-1998	Assistant in Cardiology, Children's Hospital, Boston
1989-	Staff Physician, Winchester Hospital, Winchester, MA
1992-2003	Staff Physician, Franciscan Children's Hospital, Boston
1992-1997	Staff Physician, Boston City Hospital, Boston
1998-	Associate in Cardiology, Children's Hospital, Boston

Principal Clinical and Hospital Service Responsibilities

1991-	Attending Cardiologist, Children's Hospital, Boston
1991-	Director, Cardiovascular Genetics Clinic, Children's Hospital
1992-	Staff Echocardiographer, Children's Hospital
1992-	Geneticist/Cardiologist, Williams Syndrome Program, Children's Hospital
1992-2003	Pediatric Cardiologist, Franciscan Children's Hospital, Boston
1992-1997	Pediatric Cardiologist, Boston City Hospital
1993-	Pediatric Cardiologist, Winchester Hospital
1996-	Medical Director, Williams Syndrome Program, Children's Hospital

Major Committee Assignments

Medical School

1979-1980	Student Member, Selection Committee, Honors Program in Medical Education, Northwestern University
1985-	Interviewer, Honors Program in Medical Education, Northwestern University

Hospital

1985-1987	Pediatric Internship Selection Committee, UCSD
1994-1995	Cardiology Fellowship Selection Committee, Children's Hospital, Boston
1996-	Library Committee, Children's Hospital, Boston

National

1994-	Member, Medical Advisory Board, National Williams Syndrome Association
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Professional Societies:

2000-	American Heart Association, Council on Cardiovascular Disease in the Young
2000-	American Society of Echocardiography

Journal Reviewer

American Journal of Cardiology
American Journal of Medical Genetics
Chest
Circulation
Journal of the American College of Cardiology
Journal of Pediatrics
Teratology

Awards and Honors

1975	Research Fellowship, Hawaii Heart Association
1976	Presidential Scholar
1976-1982	Honors Program in Medicine, Northwestern University
1981	Alpha Omega Alpha
1986-1987	PHS/INRSA Fellowship, Genetics/Dysmorphology
1988-1989	PHS/INRSA Fellowship, Cardiology
1989-1991	Bugher Foundation Fellowship, American Heart Association
2002	Schwartz Center Fellow in Pastoral Care

BIBLIOGRAPHY

Original reports:

1. McNamara JJ, **Lacro RV**, Yee M, Smith GT. Hemorrhagic infarction and coronary reperfusion. *J Thorac Cardiovasc Surg* 1981;81:498-501.
2. **Lacro RV**, Jones KL, Mascarello JT, Jones OW, Wilson N, Jones MC. Duplication of distal 15q: Report of five new cases from two different translocation kindreds. *Am J Med Genet* 1987;26:719-28.
3. Fujimoto A, Lipson M, **Lacro RV**, Shinno NWW, Boelter WD, Jones KL, Wilson MG. A new autosomal dominant branchio-oculo-facial syndrome. *Am J Med Genet* 1987;27:943-51.
4. **Lacro RV**, Jones KL, Benirschke K. The umbilical cord twist: Origin, direction, and relevance. *Am J Obstet Gynecol* 1987;157:833-8.
5. Mathias RS, **Lacro RV**, Jones KL. X-linked laterality sequence: Situs inversus, complex cardiac defects, splenic defects. *Am J Med Genet* 1987;28:111-6.
6. Villegas-Camargo I, **Lacro RV**, Jones KL. Síndrome de Brachmann-de Lange: Comunicación de 4 casos en niños mexicanos. *Bol Med Hosp Infant Mex* 1987;44:766-70.
7. **Lacro RV**, Jones KL. The Gorlin syndrome: A genetically determined disorder associated with cardiac tumor. *J Thorac Cardiovasc Surg* 1987;94:919-20.
8. **Lacro RV**, Jones KL, Benirschke K. Pathogenesis of coarctation of the aorta in the Turner syndrome: A pathologic study of fetuses with nuchal cystic hygromas, hydrops fetalis, and female genitalia. *Pediatrics* 1988;81:445-51.
9. Jones KL, **Lacro RV**, Johnson KA, Adams J. Pattern of malformations in the children of women treated with carbamazepine during pregnancy. *N Engl J Med* 1989;320:1661-6.
10. Takahashi T, Allen PD, **Lacro RV**, Marks AR, Dennis AR, Schoen FJ, Grossman W, Marsh JD, Izumo S. Depressed expression of dihydropyridine receptor in the myocardium of patients with end-stage heart failure. *J Clin Invest* 1992;92:7-35.
11. Lee Y, Marks AR, Gureckas N, **Lacro R**, Nadal-Ginard B, Kim DH. Purification, characterization, and molecular cloning of a 60-kDa phosphoprotein in rabbit skeletal sarcoplasmic reticulum which is an isoform of phosphoglucosyltransferase. *J Biol Chem* 1992;267:21080-8.
12. Pober BR, **Lacro RV**, Rice C, Mandell V, Teele R. Renal findings in individuals with Williams syndrome. *Am J Med Genet* 1993;46:271-4.
13. Schwartz ML, Cox GF, Lin AE, Korson MS, Perez-Atayde A, **Lacro RV**, Lipshultz SE. Clinical approach to genetic cardiomyopathy in children. *Circulation* 1996;94:2021-38.
14. Bird LM, Billman GF, **Lacro RV**, Spicer RL, Jariwala LK, Hoyme HE, Zamora-Salinas R, Morris C, Viskochil D, Frikke MJ, Jones MC. Sudden death in Williams syndrome. Report of ten cases. *J Pediatr* 1996;129:926-31.
15. Lin AE, Westgate M-N, van der Velde ME, **Lacro RV**, Holmes LB. Adams-Oliver syndrome associated with cardiovascular malformations. *Clin Dysmorphol* 1998;7:235-41.
16. Lin AE, Herring AH, Amstutz KS, Westgate MN, **Lacro RV**, Al-Jufan M, Ryan L, Holmes LB. Cardiovascular malformations: Changes in prevalence and birth status, 1972-1990. *Am J Med Genet* 1999;84:102-10.
17. Abdullah MM, **Lacro RV**, Smallhorn J, Chitayat D, van der Velde ME, Yoo S-J, Oman-Ganes L, Hornberger LK. Fetal cardiac dextroposition in the absence of an intrathoracic mass: Sign of significant right lung hypoplasia. *J Ultrasound Med* 2000;19:669-76.
18. Satou GM, **Lacro RV**, Chung T, Gauvreau K, Jenkins KJ. Heart size on chest x-ray as a predictor of cardiac enlargement by echocardiography in children. *Pediatr Cardiol* 2001;22:218-222.
19. Sokol J, Bohn D, **Lacro RV**, Ryan G, Stephens D, Rabinovitch M, Smallhorn J, Hornberger LK: Fetal pulmonary artery diameters and their association with lung hypoplasia and postnatal

outcome in congenital diaphragmatic hernia. Am J Obstet Gynecol 2002;186:1085-1090.

Reviews, Chapters, and Editorials

1. **Lacro RV.** Dymorphology. In: Fyler DC, editor. Nadas' Pediatric Cardiology. Philadelphia: Hanley and Belfus; 1992. p. 37-55.
2. **Lacro RV.** Marfan syndrome. In: Burg FD, Ingelfinger JR, Wald ER, editors. Gellis and Kagan's Current Pediatric Therapy 14. Philadelphia: W. B. Saunders; 1993. p. 176-7.
3. **Lacro RV.** Cardiovascular disorders. In: Soldin SJ, Rifai N, Hicks JMB, editors. Biochemical basis of pediatric disease. Washington: AACCC Press; 1995. p. 185-215.
4. **Lacro RV.** Marfan syndrome. In: Burg FD, Ingelfinger JR, Wald ER, Polin RA, editors. Gellis and Kagan's Current Pediatric Therapy 15. Philadelphia: W. B. Saunders; 1996. p. 171-3.
5. **Lacro RV.** Genetics, teratology and syndromes of congenital heart disease. In: Freedom R, editor. Volume I: Congenital Heart Disease. In: Braunwald E, editor. Atlas of Heart Diseases. Philadelphia: Current Medicine; 1997. p. 2.1-2.12.
6. **Lacro RV.** Cardiovascular disorders. In: Soldin SJ, Rifai N, Hicks JMB, editors. Biochemical basis of pediatric disease. Washington: AACCC Press; 1998. p. 127-55.
7. **Lacro RV.** Marfan syndrome. In: Burg FD, Ingelfinger JR, Wald ER, Polin RA, editors. Gellis and Kagan's Current Pediatric Therapy 16. Philadelphia: W. B. Saunders; 1999. p. 568-71.
8. **Lacro RV.** Marfan syndrome and related disorders of fibrillin. In: Berul CI and Towbin JA editors. Molecular genetics of cardiac electrophysiology. Boston: Kluwer Academic Publishers; 2000. p. 329-53.
9. **Lacro RV.** Genetics of congenital cardiovascular malformations. In: Allan L, Hornberger LK, Sharland G editors. Textbook of fetal cardiology. London: Greenwich Medical Media; 2000. p. 499-521.
10. **Lacro RV, Smoot LB.** Cardiovascular disease in Williams-Beuren syndrome. In: Morris C, Wang P, Lenhoff H editors. Williams-Beuren syndrome: Research and clinical perspectives. Johns Hopkins University Press, 2004, in press.

Clinical Communications

1. Morris CA, Pober BR, Wang P, Levinson M, Sadler LS, Kaplan P, **Lacro RV**, Greenberg F. Medical Guidelines for Williams Syndrome. Distributed by the Williams Syndrome Association and available through their website, www.williams-syndrome.org, these medical guidelines are intended for families as well as professionals caring for people with Williams syndrome.
2. Contributed to Statement by American Academy of Pediatrics, Committee on Genetics: Health Supervision for Children with Williams Syndrome. Pediatrics 2001;107:1192-1204.

Educational Material

1. Detailed syllabus on Marfan syndrome and related connective tissue disorders. This is a detailed resource for use during lecture as well as for reference during clinical care.
2. Detailed syllabus on Genetics of Congenital Cardiovascular Malformations and Multiple Malformation Syndromes with Cardiovascular Involvement.
3. Detailed syllabus on Emergency Use of Echocardiography.
4. Contributed to a problem-based learning exercise on Marfan syndrome used in the Genetics, Embryology and Reproduction course at Harvard Medical School. In: Korf BR. Human genetics: A problem-based approach. Cambridge: Blackwell Science; 1996. p. 76-86.

Non-Print Materials:

1. **Lacro RV.** Mock Code, a teaching video on resuscitation for physicians and nurses. Children's Hospital, Boston 1989.

Abstracts:

1. Grafe MR, Jones KL, **Lacro RV**, Benirschke K. Neuropathologic findings of the distal spinal cord in an infant of a diabetic mother. Proc Greenwood Genet Center 1987;6:109.
2. **Lacro RV**, Jones KL, Luerssen TG, James HE, Benirschke K. Torticollis-plagiocephaly sequence: deformations of the craniofacial skeleton. Clinical Research 1987;35:225A.
4. **Lacro RV**, Jones KL, Josephson K, Pauli RM, Benirschke K. Aplasia cutis congenita: A cutaneous marker for defects in neural tube closure. Clinical Research 1987;35:225A.
5. **Lacro RV**, Thompson WR, Hu N, Clark EB. The effect of calcium and verapamil on cardiovascular function in the stage 24 chick embryo. Clinical Research 1987;35:203A.
6. **Lacro RV.** Neonatal lupus erythematosus associated with congenital heart block and left ventricular-right atrial shunt. Proc Greenwood Genet Center 1988;7:195.
7. **Lacro RV**, Van Praagh S, Van Praagh R. Visceral heterotaxy: Patterns of cardiac and non-cardiac anomalies. An autopsy series of 106 cases plus an additional unusual case. Proc Greenwood Genet Center 1989;8:153-4.
8. **Lacro RV**, Fyler DC. Congenital heart disease in multiple malformation syndromes: The cardiac patient summary (CPS) computer database. Proc Greenwood Genet Center 1990;9:117.
9. **Lacro RV**, Van Praagh S, Van Praagh R. Genitourinary tract malformations in visceral heterotaxy: A frequent association. Proc Greenwood Genet Center 1991;10:49-50.
10. Pober BR, Mendoza A, Geva T, Jonas R, **Lacro R**, Collins T. Platelet-derived growth factor in supravalvar aortic stenosis of Williams syndrome. Proc Greenwood Genet Center 1991;10:82.
11. **Lacro RV**, Mandell V, Pober BR. Cardiovascular disease in Williams syndrome. Proc Greenwood Genet Center 1992;11:85-6.
12. **Lacro RV**, Grix A. Congenital heart defects in overgrowth syndromes: Pulmonary atresia in Sotos syndrome. Proc Greenwood Genet Center 1993;12:95-6.
13. **Lacro RV**, van der Velde ME. Clinical anophthalmia and multiple congenital anomalies--a new lethal autosomal recessive disorder? Proc Greenwood Genet Center 1995;14:59-60.
14. **Lacro RV**, Perry SB, Keane JF, Castaneda AR, Lock JE. Combined transcatheter and surgical therapy for severe bilateral outflow tract obstruction in Williams syndrome and familial supravalvar aortic stenosis. Circulation 1994;90:1-587.
15. **Lacro RV**, Smoot LB. Echocardiographic findings and elastin hemizygoty in Williams syndrome, familial supravalvar aortic stenosis, and related conditions. Proc Greenwood Genet Center 1997;16:135-6.
16. **Lacro RV**, van Karnebeek CDM, Gauvreau K. Marfan syndrome and related connective tissue disorders: Applying the Berlin and revised diagnostic criteria in a large pediatric population. Proc Greenwood Genet Center 1998;17:155.
17. Van Karnebeek CDM, Gauvreau K, Colan SD, **Lacro RV**. Clinical and echocardiographic predictors of adverse cardiovascular outcome in childhood Marfan syndrome. JACC 1998;31:70-1A.
18. **Lacro RV**, van Karnebeek CDM, Fernandes SM Gauvreau K. Marfan syndrome and related connective tissue disorders: Experience of a large cardiovascular genetics clinic. Proc Greenwood Genet Center 2001;20:89-90.
19. **Lacro RV.** Cardiovascular malformations associated with abnormalities of intracardiac blood flow in the twin-twin transfusion syndrome. 2002;21:58-9.
20. **Lacro RV**, Obler D, Smoot LB. Anomalous pulmonary venous connections in Holt-Oram Syndrome. Proc Greenwood Genet Center 2003;22:100-1.

