

## CURRICULUM VITAE

ROBERT JACKSON HARDY

Professional Title: Allan King Professor in Public Health (Biostatistics)

Business Address: University of Texas Health Science Center, Houston  
School of Public Health  
Coordinating Center for Clinical Trials  
1200 Herman Pressler Street Suite W-802  
Houston, TX 77030

Business Telephone: (713) 500-9524

FAX: (713) 500-9530

<u>EDUCATION:</u>	Southeastern Louisiana University	B.S.	1962
	Tulane University	M.S.	1964
	University of California, Berkeley	Ph.D.	1969

### APPOINTMENTS:

Allan King Professor in Public Health, The University of Texas School of Public Health, Health Science Center at Houston, Texas, 2002 – present.

Co-Director, Coordinating Center, The University of Texas School of Public Health, Health Science Center at Houston, Texas, 2000-2004.

Professor of Biostatistics, The University of Texas School of Public Health, Health Science Center at Houston, Houston, Texas, 1978-Present. Convener, Biostatistics faculty 1978-1983, 1995-1997.

Associate Dean for Academic Affairs, The University of Texas School of Public Health, Health Science Center at Houston, 1988-1994.

APPOINTMENTS (Continued):

Professor of Biostatistics, The University of Texas M.D. Anderson Cancer Center, 1989-2007, non-salary appointment.

Professor of Biostatistics, The University of Texas School of Public Health Science Center at Houston, School of Public Health, Houston, Texas, 1978 – Present.

Associate Professor of Biostatistics, The University of Texas School of Public Health, Health Science Center at Houston, Disease Control Module, Houston, Texas, 1975-1978. Convener, Biostatistics faculty.

Deputy Director, Coordinating Center, Hypertension Detection and Follow-up Program, The University of Texas School of Public Health, Health Science Center at Houston, 1975-1977.

Associate Professor of Biometry, Yale University School of Medicine, Department of Epidemiology and Public Health (Biometry), New Haven, Connecticut, 1974-1975.

Assistant Professor of Biometry, Yale University School of Public Health, Department of Epidemiology and Public Health (Biometry), New Haven, Connecticut, 1969-1974.

Instructor, Advanced International Seminar on the Epidemiology and Prevention of Cardiovascular Diseases, Ireland, 1985.

Instructor, International Seminar on the Epidemiology and Prevention of Cardiovascular Diseases, The Netherlands, 1984.

Instructor, International Seminar on the Epidemiology and Prevention of Cardiovascular Diseases, Japan, 1983.

Instructor, Advanced International Seminar on the Epidemiology and Prevention of Cardiovascular Diseases, Finland, 1982.

Instructor, Seventh U.S. Ten-day Seminar on the Epidemiology and Prevention of Cardiovascular Diseases, Lake Tahoe, California, 1981.

Instructor, Sixth U.S. Ten-day Seminar on the Epidemiology and Prevention of Cardiovascular Diseases, Lake Tahoe, California, 1980.

Instructor, Fifth U.S. Ten-day Seminar on the Epidemiology and Prevention of Cardiovascular Diseases, Steamboat Springs, Colorado, 1979.

Instructor, Fourth U.S. Ten-day Seminar on the Epidemiology and Prevention of Cardiovascular Diseases, Lake Tahoe, California, 1978.

Instructor, Third U.S. Ten-day Seminar on the Epidemiology and Prevention of Cardiovascular Diseases, Mt. Snow, Vermont, Summer 1977.

APPOINTMENTS (Continued):

Instructor, Sixteenth Annual Summer Session on Statistics in the Health Sciences, The University of Texas School of Public Health, Houston, Texas, Summer 1974.

Instructor, Fifteenth Annual Summer Session on Statistics in the Health Sciences, The University of Texas School of Public Health, Houston, Texas, Summer 1973.

Biostatistician, Tulane School of Medicine, New Orleans, Louisiana, 1964-1965.

Mathematician-Statistical Consultant, Nasa-Ames Research Center, June-September 1966.

HONORS AND AWARDS

Allan King Professor in Public Health, The University of Texas School of Public Health, Health Science Center at Houston, Texas (2002)

Honorary Member, American Association for Pediatric Ophthalmology and Strabismus (2005)

Champion of Public Health, Tulane University School of Public Health and Tropical and Tropical Medicine, (2005)

CONSULTING ACTIVITIES AND ADVISORY BOARDS:

Rockefeller Foundation--studies on schistosomiasis (1972-1975).

Gulf Oil Corporation--epidemiology studies (1979-1985).

Conoco Chemical Company--epidemiology studies (1981).

Exxon Corporation--Lecture on statistics in industrial hygiene (1982).

Pharmaceutical Manufacturer Association--consultant (1982).

National Institutes of Health--Effects of Nuclear Weapons Testing on Health: Report of the Panel of Experts on the Documents of the Public Health Service Volumes I, II, III, May '80 (1978-1980).

Bascom Palmer Eye Institute Grant to study continuous O<sup>2</sup> monitoring and the prevention of RLF, NEI--Data Monitoring and Safety Committee (1981-1986).

National Institute of Neurological and Communicative Disorders and Stroke--Epilepsy Advisory Committee (1983-1985).

State of New York--Committee for the Review of Doctoral Programs in Epidemiology and Biostatistics--Columbia University (1987).

University of Oklahoma--Committee to Review Doctoral Program in Epidemiology and Biostatistics (1988).

University of Michigan--Committee to Review Biostatistics Program (1990).

CONSULTING ACTIVITIES AND ADVISORY BOARDS (Continued):

Cooperative Trial Activities:

Aspirin in Transient Ischemic Attacks Trial--statistical consultant for the Coordinating Center of the trial (1975-1982).

Hypertension Detection and Follow-up Trial, NIH--statistical analysis of survival data and Co-Investigator, Coordinating Center (1975-1995).

Aspirin-Persantine in the prevention of stroke--Executive Committee and Consultant, Coordinating Center (1979-1987).

Beta-Blocker Heart Attack Trial, NIH--statistical analysis of survival data and Co-Investigator, Coordinating Center (1979-1992).

Aspirin in Myocardial Infarction Trial--Policy Advisory Board (1979-1982).

Prospective Evaluation of Radial Keratotomy, National Eye Institute--Data and Safety Monitoring Board (1982-1986).

Prospective Evaluation of Radial Keratotomy, National Eye Institute--Chair, Data and Safety Monitoring Board (Follow-up of PERK participants)--(1993-1997).

Cooperative Trial of Therapy of Juvenile Rheumatoid Arthritis, NIH--statistical review board for the U.S.-Russian Trial (1982-1984).

Trental in the Treatment of Acute Stroke--Hoechst Roussel Pharmaceuticals Inc., Chairman-Independent Review Panel (1984-1986).

Systolic Hypertension in the Elderly Program (SHEP)--Co-Investigator, Coordinating Center (1984-1994).

A Multi-Center Trial of Cryotherapy Treatment of Retinopathy of Prematurity, Executive Committee, Editorial Committee, and Principal Investigator for the Coordinating Center (1985-Present).

Central Vein Occlusion Study--Chair, Data and Safety Monitoring Committee (1988-1994).

Dietary Intervention Study in Children--Member, Data and Safety Monitoring Committee (1988-1998).

Collaborative Normal Fusion Glaucoma Study--Member, Data and Safety Monitoring Committee (1993-1998).

Study of Antihypertensive Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT)--Co-Investigator, Coordinating Center (1993-1998).

Core Grant for Vision Research--Director, Biostatistics Module (1994-Present).

CONSULTING ACTIVITIES AND ADVISORY BOARDS (Continued):

Feasibility Trial of Light Reduction in Retinopathy of Prematurity--Executive Committee, Editorial Committee and Principal Investigator, Coordinating Center (1994-2000).

University of Texas Health Science Center-Houston Faculty Salary Equity Study--Member (1994-1998).

PURSUIT Study--Member, Data and Safety Monitoring Committee (1995-1998).

University of Texas Health Science Center-Houston School of Public Health Faculty Salary Study--Chair (1996-1998).

Correction of Myopia Evaluation Trial (COMET)--Chair, Data and Safety Monitoring Committee (1996-2003).

The Multicenter Trial of Early Treatment for Retinopathy of Prematurity, Executive Committee and Principal Investigator for the Coordinating Center (1999-Present).

Obstetrics and Periodontal Therapy (OPT) Study - Chair, Data and Safety Monitoring Committee, University of Minnesota School of Dentistry (2002-Present)

Maternal Oral Therapy to Reduce Obstetric Risk (MOTOR) - Chair, Data and Safety Monitoring Committee, National Institute of Dental and Craniofacial Research (2003-Present)

Infant Aphakia Treatment Study (IATS) - Chair, Data and Safety Monitoring Committee, Emory University School of Public Health (2004-Present)

Amblyopia in Astigmatic Children: Development and Treatment, Part II (AADCAT) – Chair, Data Monitoring and Oversight Committee, University of Arizona Health Sciences Center (2006 – Present)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

American Statistics Association

Houston Chapter, President (1983-1984)

International Biometric Society (ENAR)

Institute of Mathematical Statistics

American Heart Association

Sigma Xi

The Society for Clinical Trials

American Association for the Advancement of Science

Association for Research in Vision and Ophthalmology

PUBLICATIONS:

White C, Hardy RJ: Huygens' Graph of Graunt's Data. Isis 61: 107-108, 1970.

Hardy RJ, White C: Matching in Retrospective Studies. American Journal of Epidemiology 93(2):75-76, 1971.

Hardy RJ: A Comparison of Two Models for Competing Risks of Death. Biometrics 28(1):266, 1972.

Weinman EJ, Hardy RJ, Kashgarian M, Hayslett JP: Examination of the Gertz Technique as Applied to the Proximal Tubule of the Rat Kidney. Yale Journal of Biology and Medicine 45(3-4):289-298, 1972.

White A, Southwick W, DePonte R, Gainor J, Hardy RJ: Factors Associated with Pain Relief in Patients with Anterior Cervical Fusion (A Report of 65 Patients). Journal of Bone and Joint Surgery 55-A(3):525-533, 1973.

Hardy RJ, Weinman EJ: A Stochastic Model for the Reabsorption of Isotonic Saline by the Tubules in the Kidney. Biometrics 30:33-40, 1974.

White A, Panjabi M, Hardy RJ: Analysis of Mechanical Symmetry in Rabbit Long Bones. Acta Orthop. Scand. 45:328-336, 1974.

Kelsey JL, Greenberg RA, Hardy RJ, Johnson MF: Pregnancy and the Syndrome of Herniated Lumbar Intervertebral Disc; An Epidemiological Study. Yale Journal of Biology and Medicine 48:361-368, 1975.

Kelsey JL, Hardy RJ: Driving of Motor Vehicles as a Risk Factor for Acute Herniated Lumbar Intervertebral Disc. American Journal of Epidemiology 102:63-73, 1975.

Kaufman JM, Hardy RJ, Hayslett JP: Age-Dependent Characteristics of Compensatory Renal Growth. Kidney International 8:21-26, 1975.

Holford TR, Hardy RJ: A Stochastic Model for the Analysis of Age-Specific Prevalence Curves in Schistosomiasis. Journal of Chronic Diseases 29(7):445-458, 1976.

Hardy RJ, Cutter GR, Hawkins CM: Sodium Excretion and Sympathetic Activity in Relation to Severity of Hypertensive Disease. Lancet, August 28, p. 471, 1976.

Fields WS, Lemak NA, Frankowski RF, Hardy RJ: Controlled Trial of Aspirin in Cerebral Ischemia. Stroke 8(3):301-316, 1977.

Fisher R, Severs R, Hardy RJ: Parallelism of Atmospheric Potential and Mortality in Air Pollution Episodes. International Journal of Biometeorology 21(4):311-318, 1977.

Fields WS, Lemak NA, Frankowski RF, Hardy RJ: Controlled Trial of Aspirin in Cerebral Ischemia. Part II: Surgical Group. Stroke 9(4):309-319, 1978.

PUBLICATIONS (Continued):

HDFP Cooperative Study Group: Patient Participation in a Hypertension Control Program. Journal of the American Medical Association 239: 1507-1514, 1978.

Tsai SP, Lee ES, Hardy RJ: The Effect of Reduction in Leading Causes of Death. American Journal of Public Health, 68:966-971, 1978.

Jones RR, Cech II, Holguin AH, Hardy RJ: Evaluation of the Relationship of Sodium in Drinking Water and Toxemia of Pregnancy. American Journal of Public Health 69:917-921, 1979.

Fields WS, Lemak NA, Frankowski RF, Hardy RJ: Controlled Trial of Aspirin in Cerebral Ischemia (AITIA Study). Monograph.

Peduzzi PN, Holford TR, Hardy RJ: A Computer Program for Life Table Regression Analysis with Time Dependent Covariates. Computer Programs in Biomedicine 9:106-114, 1979.

Expert Panel Report to the Director of the National Institutes of Health. Hardy RJ, Leader RW, Motulsky AG, Wald N, Winkelstein W (chairman), Effects of Nuclear Weapons Testing on Health: Report of the Panel of Experts on the Documents of the Public Health Service, Volumes I, II, III. National Institutes of Health, Department of Health, Education, and Welfare, 1979.

HDFP Cooperative Study Group: Five-Year Findings of the Hypertension Detection and Follow-up Program. I. Reduction in Mortality of Persons with High Blood Pressure, Including Mild Hypertension. Journal of the American Medical Association 242(23):2562-2571, 1979.

HDFP Cooperative Study Group: Five-Year Findings of the Hypertension Detection and Follow-up Program. II. Mortality by Race, Sex and Age. Journal of the American Medical Association 242(23):2572-2577, 1979.

Dunn JK, Hardy RJ: A Stochastic Model for the Occurrence of Transient Ischemic Attacks. Biometrics 36(1):91-103, 1980.

Peduzzi PN, Hardy RJ, Holford TR: A Stepwise Variable Selection Procedure for Non-Linear Regression Models. Biometrics 36(3):511-516, 1980.

Smith EO, Hardy RJ, Cutter G, Curb D, Hawkins CM: Application of Survival Analysis Techniques to the Evaluation of Factors Affecting Compliance in a Clinical Trial of Hypertension Control. Controlled Clinical Trials 1:59-69, 1980.

Smith EO, Hardy RJ, Cutter GR: A Two Compartment Regression Model Applied to Compliance in a Hypertension Treatment Program. Journal of Chronic Diseases 33:645-651, 1980.

PUBLICATIONS (Continued):

Smith EO, Hardy RJ, Cooper C: Two Compartment Regression Analysis. Computer Programs in Biomedicine, Vol. 12:129-140, 1980.

Fields WS, Lemak NA, Frankowski RF, Hardy RJ: Implications of Aspirin Trials in Transient Ischemic Attacks and Stroke. Proceedings of the Royal Society of Medicine, International Congress and Symposium, Series number 30. Published by Academic Press and The Royal Society of Medicine, 1980.

Fields WS, Lemak NA, Frankowski RF, Hardy RJ, Bigelow R: Controlled Trial of Aspirin in Cerebral Ischemia. Circulation, Supp. 5, 62:90-96, 1980.

Beta-Blocker Heart Attack Study Group. The Beta-Blocker Heart Attack Trial. Journal of the American Medical Association 246(18):2073-2074, 1981.

Beta-Blocker Heart Attack Trial Research Group: Beta-Blocker Heart Attack Trial: Design Features. Controlled Clinical Trials 2:275-285, 1981.

Curb D, Hardy RJ, Labarthe D, Borhani N, Taylor J: Reserpine and Breast Cancer in the HDFP. Hypertension 4:307-311, 1982.

HDFP Cooperative Group: Five Year Findings of the Hypertension Detection and Follow-up Program: III. Reduction in Stroke Incidence Among Persons with High Blood Pressure. Journal of the American Medical Association 247, No. 5:633-638, February 5, 1982.

Beta-Blocker Heart Attack Trial Research Group: A Randomized Trial of Propranolol in Patients with Acute Myocardial Infarction. I. Mortality Results. Journal of the American Medical Association 247, No. 12: 1707-1714, March 26, 1982.

Smith EO, Curb JD, Hardy RJ, Hawkins CM, Tyroler HA: Clinic Attendance in the Hypertension Detection and Follow-up Program. Hypertension 4(5):710-715, September-October 1982.

HDFP Cooperative Group: The Effect of Treatment on Mortality in 'Mild' Hypertension. The New England Journal of Medicine 307(16):976-980, October 14, 1982.

Kraus JF, Conley A, Hardy RJ, Sexton M, Sweezy Z: Relationship of Demographic Characteristics of Interviewers to Blood Pressure Measurements. Journal of Community Health 8(1):3-12, 1982.

Beta-Blocker Heart Attack Trial Research Group: Randomized Trial of Propranolol in Patients with Acute Myocardial Infarction. II. Morbidity Results. Journal of the American Medical Association 250:2814-2819, 1983.

Hardy RJ, Hawkins CM: The Impact of Selected Indices of Antihypertensive Treatment on All-Cause Mortality. American Journal of Epidemiology 117, No. 5:566-574, 1983.

PUBLICATIONS (Continued):

American-Canadian Cooperative Study Group: Persantine-Aspirin in Cerebral Ischemia. Stroke 14:99-103, 1983.

Tsai SP, Hardy RJ, Lee ES: A Note on the Reduction of a Risk of Death. Social Biology 30:228-233, 1983.

Selwyn BJ, Hardy RJ, Stock TH, Jenkins DE: Effect of Exposure to Air Pollution on the Respiratory Function of Healthy Runners: Methods and Preliminary Findings. Chapter 35 In International Symposium on The Biomedical Effects of Ozone and Related Photochemical Oxidants, editors SD Lee, MG Mustafa, and MA Mehlman. Volume V, Advances in Modern Environmental Toxicology. Princeton: Princeton Scientific Publishers, Inc., 1983.

Morris DL, Borhani MD, Fitzsimmons E, Hardy RJ, Mastbaum L, Payne G: Serum Cholesterol and Cancer in the Hypertension Detection and Follow-up Program. Cancer 52:1954-1759, 1983.

HDFP Cooperative Group: Hypertension Detection and Follow-up Program: Baseline Characteristics of the Enumerated, Screened, and Hypertensive Participants. Hypertension 5 (Suppl. 2):IV-1 through IV-205, 1983.

DeMets D, Hardy RJ, Friedman L, Lan G: Statistical Aspects of Early Termination in the Beta-Blocker Heart Attack Trial. Controlled Clinical Trials 5:362-372, 1984.

HDFP Cooperative Group: Five-Year Findings of the Hypertension Detection and Follow-up Program: Mortality by Age-Sex and Blood Pressure Level, A Further Analysis. Journal of Community Health 9:314-327, 1984.

Chiang YK, Hardy RJ, Hawkins CM, Kapadia AS: A Computer Program for an Illness-Death Process with Time-Dependent Covariates. Computer Methods and Programs in Biomedicine 20:249-260, 1985.

Palmer E, Biglan A, Hardy RJ: Retinal Ablative Therapy for Active Proliferative ROP, History, Current Status and Prospects. Retinopathy of Prematurity, Blackwell Scientific Publication, Inc. Oxford, England, 1985.

Hardy RJ: Personality Characteristics: Methodology Discussion. Proceedings of a Workshop: Measuring Psychosocial Variables in Epidemiologic Studies of Cardiovascular Disease. NIH Publication Number 85-2270, 361-362, 1985.

American-Canadian Cooperative Study Group: Persantine Aspirin Trial in Cerebral Ischemia, Part II: Endpoint Results. Stroke 16:406-415, 1985.

Selwyn BJ, Stock TH, Hardy RJ, Chan FA, Jenkins DE, Kotchmar DJ, Chapman RS: Health Effects of Ambient Ozone Exposure in Vigorously Exercising Adults in Evaluation of the Scientific Basis for Ozone/Oxidant Standards. eds. S.D. Lee, Air Pollution Control Association, Pittsburgh, Penn. pp. 250-261. (a peer reviewed publication), 1985.

PUBLICATIONS (Continued):

American-Canadian Cooperative Study Group: Controlled Trial of Aspirin in Cerebral Ischemia: Subgroup Analysis and Addendum. Stroke 17:12-18, 1986.

The Hypertension Detection and Follow-up Program Cooperative Group: Results and Implications of the Hypertension Detection and Follow-up Program. Progress in Cardiovascular Diseases 29:3-98, 1986.

Davis BR, Hardy RJ: A Suicide Epidemic Model. Social Biology 33:291-300, 1987.

The Hypertension Detection and Follow-up Program Cooperative Group: Educational Level and 5-Year All-Cause Mortality in the Hypertension Detection and Follow-up Program. Hypertension 9:641-646, 1987.

Stehlin JS, de Ipolyi PD, Greeff PJ, Gutierrez AE, Hardy RJ, Dahiya SL: A Ten-Year Study of Partial Mastectomy for Carcinoma of the Breast. Surgery, Gynecology and Obstetrics 165(3):191-198, 1987.

Houston DE, Noller KL, Melton LJ,III, Selwyn BJ, Hardy RJ: Incidence of Pelvic Endometriosis in Rochester, Minnesota, 1970-79. American Journal of Epidemiology 125:959-969, 1987.

Cooper SP, Hardy RJ, Labarthe DR, Hawkins CM, Smith EO, Blaufox MD, Cooper CJ, Entwisle G, Maxwell MH, on behalf of the Hypertension Detection and Follow-up Cooperative Group: The Relationship between Degree of Blood Pressure Reduction and Mortality Among Hypertensives in the Hypertension Detection and Follow-up Program. American Journal of Epidemiology 127:387-403, 1988.

Ives JC, Buffler PA, Selwyn BJ, Hardy RJ, Decker M: Lung Cancer Mortality Among Women Employed in High Risk Industries and Occupations in Harris County, Texas; 1977-1980. American Journal of Epidemiology 127:65-74, 1988.

The Systolic Hypertension in the Elderly Cooperative Research Group: Rationale and design of a randomized clinical trial on prevention of stroke in isolated systolic hypertension. Journal of Clinical Epidemiology 41:1197-1208, 1988.

The Cryotherapy for Retinopathy of Prematurity (CRYO) Cooperative Group (Writing Committee, Member): Multicenter Trial of Cryotherapy for Retinopathy of Prematurity: Preliminary Results. Arch Ophthalmol 106:471-479, 1988.

The Cryotherapy for Retinopathy of Prematurity (CRYO) Cooperative Group (Writing Committee, Member): Multicenter Trial of Cryotherapy for Retinopathy of Prematurity: Preliminary Results. Pediatrics 81:697-706, 1988.

Buffler PA, Cooper SP, Stinnett S, Contant C, Shirts S, Hardy RJ: Air Pollution and Lung Cancer Mortality in Harris County, Texas, 1979-1981. American Journal of Epidemiology 128:683-689, 1988.

PUBLICATIONS (Continued):

- Multicenter Trial of Cryotherapy for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member). Manual of Procedures, Vol I. Springfield, Va: National Technical Information Service. US Dept of Commerce publication PB88-163530, 1988.
- Chiang YK, Hardy RJ, Hawkins CM, Kapadia AS: An Illness-death Process with Time-dependent Covariates. Biometrics 45:669-681, 1989.
- Hardy RJ, and Davis BR: The design, analysis, and monitoring of an ophthalmological clinical trial. ASA Proceedings of the Biopharmaceutical Section 248-253, 1989.
- Cooper SP, Ford CE, Hardy RJ, Davis BR, Hawkins CM, Labarthe DL: The "J-shaped" relationship in hypertension treatment. Letter to the Editor. The American Journal of Hypertension 3:733-734, 1990.
- The CRYO-ROP Research Group (Writing Committee, Member): The multicenter trial of cryotherapy for retinopathy of prematurity: Outcome three-month. Arch Ophthalmol 108:195-204, 1990.
- Hardy RJ, Schroder GD, Cooper SP, Buffler PA, Prichard HM, Crane MM: A Surveillance System for Assessing Health Effects from Hazardous Exposures. American Journal of Epidemiology 132:532-542, 1990.
- Davis BR and Hardy RJ: Upper bounds for type I and type II error rates in conditional power calculations. Communications in Statistics--Theory and Methods 19(10):3571-3584, 1990.
- Watzke RC, Robertson JE, Palmer EA, et al.: Photographic grading in the retinopathy of prematurity trial. Arch Ophthalmol 108:950-955, 1990.
- Dobson V, Quinn GE, Biglan AW, et al.: Acuity card assessment of visual function in the cryotherapy for retinopathy of prematurity trial. Invest Ophthalmol Vis Sci 31(9):1702-1708, 1990.
- The CRYO-ROP Research Group (Writing Committee, Member): Multicenter Trial of Cryotherapy for Retinopathy of Prematurity: One year outcome--structure and function. Archives of Ophthalmology 108(10):1408-1416, 1990.
- Bondy ML, Lustbader ED, Buffler PA, Schull WJ, Hardy RJ, Strong LC: Genetic epidemiology of childhood brain tumors. Genetic Epidemiology 8:253-267, 1991.
- Palmer E, Hardy RJ, Mowery R, Davis BR, et al.: Operational aspects of terminating randomization in the Multicenter Trial of Cryotherapy of Retinopathy of Prematurity. Controlled Clinical Trials 12:277-292, 1991.
- Hardy RJ, Davis BR, Tung B, Palmer E: Statistical considerations in terminating the Multicenter Trial of Cryotherapy of Retinopathy of Prematurity. Controlled Clinical Trials 12:292-303, 1991.

PUBLICATIONS (Continued):

Phelps DL, Brown DR, Tung B, et al.: 28-day survival rates of 6676 neonates with birth weights of 1250 grams or less. Pediatrics 87(1):7-17, 1991.

Quinn GE, Dobson V, Barr CC, et al.: Visual acuity in infants after vitrectomy for severe retinopathy of prematurity. Ophthalmology 98(1):5-13, 1991

Palmer EA, Flynn JT, Hardy RJ, Phelps DL, Phillips CL, Schaffer DB, Tung B, on behalf of the Cryotherapy for Retinopathy of Prematurity Cooperative Group: Incidence and early course of retinopathy of prematurity. Ophthalmology 98:1628-1640, 1991.

The Systolic Hypertension in the Elderly Program Cooperative Research Group: Prevention of stroke by antihypertensive drug treatment in older persons with isolated systolic hypertension. Final results of the Systolic Hypertension in the Elderly Program (SHEP). Journal of the American Medical Association 265:3255-3264, 1991.

Davis BR and Hardy RJ: Repeated confidence and prediction intervals using stochastic curtailment. Communications in Statistics 21(2):351-368, 1992.

Summers GC, Phelps DL, Tung B, et al.: Ocular cosmesis in retinopathy of prematurity. Arch Ophthalmol 110:1092-1097, 1992.

Quinn GE, Dobson V, Repka MX, et al.: Development of myopia in infants with birth weights less than 1251 grams. Ophthalmology 99(3):329-340, 1992.

Gilbert WS, Dobson V, Quinn GE, et al.: The correlation of visual function with posterior retinal structure in severe retinopathy of prematurity. Arch Ophthalmol 110:625-631, 1992.

Tsai SP, Hardy RJ, Wen CP: The standardized mortality ratio and life expectancy. American Journal of Epidemiology 135:824-831, 1992.

The Systolic Hypertension in the Elderly Program Cooperative Research Group: Isolated systolic hypertension in the elderly. Focus on Hypertension 1:5-12, 1992.

Schaffer DB, Tung B, Hardy RJ: Guidelines for follow-up of retinopathy of prematurity. In: Flynn JT, Tasman W, editors. Retinopathy of Prematurity: A Clinician's Guide. New York: Springer-Verlag New York Inc, 45-53, 1992.

Schaffer DB, Palmer EA, Plotsky DR, Metz HS, Flynn JT, Tung B, Hardy RJ: Prognostic factors in the natural course of retinopathy of prematurity (ROP). Ophthalmology 100(2):230-237, 1993.

Cryotherapy for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member): Multicenter Trial of Cryotherapy for Retinopathy of Prematurity: 3½-year outcome--structure and function. Archives of Ophthalmology 111(3):339-344, 1993.

PUBLICATIONS (Continued):

The Systolic Hypertension in the Elderly Program Cooperative Research Group: Implications of the Systolic Hypertension in the Elderly Program. Hypertension 21:335-343, 1993.

Repka MX, Hardy RJ, Phelps DL, Summers CG: Surfactant prophylaxis and retinopathy of prematurity. Archives of Ophthalmology 111(5):618-620, 1993.

Reynolds J, Dobson V, Flynn Jt, et al., for the Cryotherapy for Retinopathy of Prematurity Group: Prediction of visual function in eyes with mild to moderate posterior pole residua of Retinopathy of Prematurity. Arch Ophthalmol 111(8):1050-1056, 1993.

Multicenter Trial of Cryotherapy for Retinopathy of Prematurity (CRYO-ROP) (Writing Committee, Member). Manual of Procedures, Vol II, Phase II Follow-up Study. Springfield, Va: National Technical Information Service. US Dept of Commerce publication PB93-134427, 1993.

Davis BR and Hardy RJ: Data monitoring in clinical trials: The case for stochastic curtailment. Journal of Clinical Epidemiology 47(9):1033-1042, 1994.

Cryotherapy for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member): The natural ocular outcome of premature birth and retinopathy: status at one year. Arch Ophthalmol 112:903-912, 1994.

Dobson V, Quinn GE, Summer CG, et al.: Effect of acute-phase retinopathy of prematurity on grating acuity development in the very low birth weight infants. Invest Ophthalmol Vis Sci 35(13):4236-4244, 1994.

Quinn GE, Dobson V, Biglan A, Evans J, Plotsky D, Hardy RJ: Correlation of retinopathy of prematurity in fellow eyes in the CRYO-ROP study. Arch Ophthalmol 113:469-473, 1995.

Dobson V, Quinn GE, Tung B, et al: Comparison of recognition and grating acuities in very low birth weight children with and without retinal residua of retinopathy of prematurity (ROP). Invest Ophthalmol Vis Sci 36:692-702, 1995.

Dobson V, Guinn GE, Saunders RA, et al., for the Cryotherapy for Retinopathy of Prematurity Cooperative Group: Grating acuity in eyes with retinal residua of retinopathy of prematurity (ROP). Arch Ophthalmol 113:1172-1177, 1995.

Cryotherapy for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member): Multicenter trial of cryotherapy for retinopathy of prematurity: Snellen acuity and structural outcome at 5½ years. Arch Ophthalmol 114:417-424, 1996.

Kivlin JD, Bigland AW, Gordon RA, Dobson V, Hardy RJ, Palmer EA, Tung B, Gilbert W, Spencer R, Cheng KP, Buckley E on behalf of the Cryotherapy for Retinopathy of Prematurity Group. Early retinal vessel development as a factor in retinopathy of prematurity and its functional sequelae. Arch Ophthalmol 114:150-154, 1996.

PUBLICATIONS (Continued):

Lai D, Hardy RJ, Tsai SP: Statistical Analysis of the Standardized Mortality Ratio and Life Expectancy. American Journal of Epidemiology 143(8):832-840, 1996.

Quinn GE, Dobson V, Hardy RJ, Tung B, Phelps DL, Palmer EA, for the CRYO-ROP Cooperative Group. Visual fields measured with double-arc perimetry in eyes with threshold retinopathy of prematurity (ROP) from the CRYO-ROP trial. Ophthalmology 103(9):1432-1437, 1996.

Dobson V, Quinn GE, Abramov I, Hardy RJ, Tung B, Siatkowski RM, Phelps DL, for the Cryotherapy for Retinopathy of Prematurity Group: Color vision measured with standard pseudoisochromatic plates at 5½ years in eye of children from the CRYO-ROP study. Inv Ophthalmol & Vis Sci 37:2467-2474, 1996.

Gilbert WS, Quinn GE, Dobson V, Reynolds J, Hardy RJ, Palmer EA, for the CRYO-ROP Cooperative Group: Partial retinal detachment at 3 months after threshold retinopathy of prematurity: Long term structural and functional outcome. Arch Ophthalmol 114(9):1085-91, 1996.

Chan W, Chuang A, Hardy RJ. Application of branching process under random environment in analyzing ophthalmologic data. Mathematical Modelling and Scientific Computing 6:766-771, 1996.

Hardy RJ, Palmer EA, Schaffer DB, Phelps DL, Davis BR, Cooper CJ for the CRYO-ROP Cooperative Group. Outcome-based management of retinopathy of prematurity. Journal of American Association for Pediatric Ophthalmology and Strabismus;1:46-54, 1997.

Lai D, Tsai SP, Hardy RJ: Impact of AIDS on Life Expectancy in the United States. AIDS;11:203-207, 1997.

Saunders RA, Donahue ML, Christmann LM, Pakalnis, AV, Tung B, Hardy RJ, Phelps DL, for the Cryotherapy for Retinopathy of Prematurity Cooperative Group. Racial variation in retinopathy of prematurity. Arch Ophthalmol;115:604-608, 1997.

Bremer L, Fellows RR, Palmer EA, Baker JD, Hardy RJ, Tung B, Rogers GL. Strabismus in premature infants in the first year of life. Arch Ophthalmol 116:329-333, 1998.

Quinn GE, Dobson V, Kivlin J, Kaufman LM, Repka MX, Reynolds JD, Gordon RA, Hardy RJ, Tung B, Stone RA. Prevalence of Myopia between 3 Months and 5½ Years in Preterm Infants with and without Retinopathy of Prematurity. Ophthalmology 105(7):1292-1300, 1998.

Reynolds JD, Hardy RJ, Kennedy KA, Spencer R, van Heuven WAJ, Fielder AR, for the Light Reduction in Retinopathy of Prematurity (LIGHT-ROP) Cooperative Group. Lack of Efficacy of Light Reduction in Preventing Retinopathy of Prematurity. N Eng J Med 338(22):1572-1576; 1998.

PUBLICATIONS (Continued):

Chiang CL, Hardy RJ, Wun CC, Chiang R: Estimation of Duration of Separation, Widowhood, and Family Life Cycle. Theoretical Population Biology 54:202-212, 1998.

Emery R, Delclos G, Cooper SP, Hardy RJ: Evaluating the relative status of health and safety programs for minority academic and research institutions. American Industrial Hygiene Association Journal 59:882-8, 1998.

Lai D, Hardy RJ: Potential Gains in Life Expectancy or Years of Potential Life Lost: Impact of Competing Risks of Death. International Journal of Epidemiology Vol. 28, 894-898, 1999.

Multicenter Trial of Cryotherapy for Retinopathy of Prematurity (CRYO-ROP) (Writing Committee, Member). Manual of Procedures, Vol III, Phase III Follow-up Study. Springfield, Va: National Technical Information Service. US Dept of Commerce publication PB99-123010, 1999.

Dobson V, Quinn GE, Siatkowski RM, Baker JD, Hardy RJ, Reynolds JD, Trese MT, Tung B, for the Cryotherapy for Retinopathy of Prematurity Cooperative Group. Agreement between grating acuity at age 1 year and Snellen acuity at age 5.5 years in the preterm child. Invest Ophthalmol Vis Sci 40:496-503, 1999.

Harvey EM, Dobson V, Tung B, Quinn GE, Hardy RJ: Interobserver agreement for grating acuity and letter acuity assessment in 1- to 5½-year-olds with severe retinopathy of prematurity. Invest Ophthalmol Vis Sci, 40:1565-1576 1999.

LIGHT-ROP Cooperative Group (Writing Committee, Member): The Design of the Multicenter Study of Light Reduction Retinopathy of Prematurity (LIGHT-ROP). Journal of Pediatric Ophthalmol & Strabismus; 36:257-263, 1999.

Ayala C, Steinberger E, Sweeney A, Mueller WH, Waller DK, Hardy RJ, Petak SM, Rodreiques-Rigau LJ, Smith KD: The Relationship of Serum Androgens and Ovulatory Status to Blood Pressure in Reproductive-Age Women. American J Hypertension, 12:772-777, 1999.

Demchuk AM, Morgenstern LB, Krieger DW, Linda Chi T, Hu W, Wein TH, Hardy RJ, Grotta JC, Buchan AM: Serum glucose level and diabetes predict tissue plasminogen activator-related intracerebral hemorrhage in acute ischemic stroke. Stroke. 30(1):34-9, 1999.

Lai D, Davis BR, Hardy RJ: Fractional Brownian Motion and Clinical Trials. J Applied Statistics, 27:103-108, 2000.

Msall ME, Phelps DL, DiGaudio KM, Dobson V, Tung B, McClead RE, Quinn GE, Reynolds JD, Hardy RJ, Palmer EA. Severity of Neonatal Retinopathy of Prematurity (ROP) is Predictive of Neurodevelopmental Functional Outcome at age 5.5 years. Pediatrics, 106:998-1005, 2000.

PUBLICATIONS (Continued):

- Suarez L, Hendricks KA, Cooper SP, Sweeney AM, Hardy RJ, Larsen RD. Neural Tube Defects in Mexican Americans Living on the US-Mexico border: the Effects of Folic Acid and Dietary Folate. Am J Epidemiol., 152(11):1017-23, 2000.
- Lai D, Guo F, Hardy RJ: Standardized Mortality Ratio and Life Expectancy: A Comparative Study of the Chinese Mortality. International Journal of Epidemiology, 29:852-855, 2000.
- Cryotherapy for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member). Contrast sensitivity in eyes with threshold ROP from the CRYO-ROP trial. Arch Ophthalmol., 119(8):1129-1133, 2001.
- Cryotherapy for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member). Effect of ablative cryotherapy for threshold retinopathy of Prematurity: results of Goldmann perimetry at age 10 years. Arch Ophthalmol., 119(8):1120-1125, 2001.
- Cryotherapy for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member). Ophthalmological outcomes at 10 years. Arch Ophthalmol., 119(8):1110-1118, 2001.
- Quinn GE, Dobson V, Siatkowski RM, Hardy RJ, Kivlin J, Palmer EA, Phelps DL, Repka MX, Summer CG, Tung B, Chan, W for the Cryotherapy for Retinopathy of Prematurity Cooperative Group: Does Cryotherapy Affect Refractive Error? Results from treated vs control eyes in the cryotherapy for retinopathy of Prematurity trial. Ophthalmology, 108:343-347, 2001.
- Good WV, Hardy RJ The Multicenter Study of Early Treatment for Retinopathy of Prematurity (ETROP) (Guest Editorial) Ophthalmology 108:1013-1014, 2001.
- Kennedy K, Fielder AR, Hardy RJ, Tung B, Gordon D, Reynolds JD for the LIGHT-ROP Cooperative Group. Reduced Lighting Does Not Improve Medical Outcomes in Very-Low-Birth-Weight Infants. Journal of Pediatrics 139(4) 527-31, 2001.
- Cryotherapy for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member). Multicenter Trial of Cryotherapy for Retinopathy of Prematurity. Natural History ROP: Ocular Outcome at 5½ Years in Premature Infants With Birth Weights Less Than 1251 g. Arch Ophthalmol 120:595-599, 2002.
- Reynolds JD, Dobson V, Quinn GE, Fielder AR, Palmer EA, Saunders RA, Hardy RJ, Phelps DL, Baker JD, Trese MT, Schaffer DB, Tung B. Evidence-based screening criteria for retinopathy of Prematurity: Natural History data from the CRYO-ROP and LIGHT-ROP studies. Arch Ophthalmol, 120:1470-1476, 2002.
- Hardy RJ, Palmer EA, Dobson V, Quinn GE, Good W, Tung B. Risk Analysis of Prethreshold ROP. Arch Ophthalmol 121:1697-1701, 2003.

PUBLICATIONS (Continued):

- Early Treatment for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member). Revised indications for treatment of retinopathy of prematurity (ROP): results of the early treatment for ROP (ETROP) randomized trial. Arch Ophthalmol 121:1684-1696, 2003.
- Multicenter Trial of Cryotherapy for Retinopathy of Prematurity (CRYO-ROP) (Writing Committee, Member). Manual of Procedures, Vol. IV, Phase IV Follow-Up Study. Springfield, VA: National Technical Information Service; US Dept of Commerce publication PB2003-3106503, 2003.
- Lai D, Hardy RJ: Measuring the Impact of Hepatitis A Virus in Chinese Cities: A life Table Approach. Asia-Pacific Journal of Public Health, Vol.15 No.2, 2003.
- Lai D, Hardy RJ. An Update on the Impact of HIV/AIDS on life Expectancy in the United States. AIDS 18(12):1732-4; 2004.
- Msall ME, Phelps DL, Hardy RJ, Dobson V, Quinn GE, Summers CG, Tremont MR, for the Cryotherapy for Retinopathy of Prematurity Cooperative Group. Educational and social competencies at 8 years in children with threshold ROP in the CRYO-ROP multicenter study. Pediatrics, Vol. 113 No. 4, 2004.
- Early Treatment for Retinopathy of Prematurity Cooperative Group (Writing Committee, Chair). Multicenter Trial of Early Treatment for Retinopathy of Prematurity: Study Design. Controlled Clinical Trials, 25:311-325, 2004.
- Quinn GE, Dobson V, Saigal S, Phelps DL, Hardy RJ, Tung B, Summers GS, Palmer EA on Behalf of the CRYO-ROP Cooperative Group. Health related quality of life at age 10 years in very-low-birth-weight children with and without severe retinopathy of prematurity. Arch Ophthalmol, 122:1659-1666, 2004.
- Good WV, Hardy RJ The Multicenter Study of Early Treatment for Retinopathy of Prematurity (ETROP) (Guest Editorial) Arch Ophthalmology 123:409-410, 2005.
- Early Treatment for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member). The Incidence and Course of Retinopathy of Prematurity: Findings from the Early Treatment for Retinopathy of Prematurity Study. Pediatrics 116:15-23; 2005.
- Cryotherapy for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member). Fifteen-year Outcomes following Threshold Retinopathy of Prematurity: Final Results from the Multicenter Trial of Cryotherapy. Arch Ophthalmol, 123(3):311-318; 2005.
- Jones JG, MacKinnon B, Good WV, Hardy RJ, Dobson V, Palmer EA, Phelps DL, Quintos M, Tung B. Early Treatment for Retinopathy Cooperative Group. The Early Treatment for ROP (ETROP) Randomized Trial: Study Results and Nursing Care Adaptations. Insight (Amer Soc of Ophthalmic Registered Nurses). 30(2):7-13; 2005.

PUBLICATIONS (Continued):

Davitt BV, Dobson V, Good WV, Hardy RJ, Quinn GE, Siatkowski RM, Summers CG, Tung B, on behalf of the Early Treatment for Retinopathy of Prematurity Cooperative Group. Prevalence of Myopia at 9 Months in Infants with High-Risk Prethreshold Retinopathy of Prematurity: Results from the ETROP Trial. Ophthalmology, 112(9):1564-68; 2005.

Friedman LM, DeMets DL, Hardy RJ: Data and Safety Monitoring in the Beta-Blocker Heart Attack Trial: Early Experience in Formal Monitoring. In: DeMets DL, Furberg CD, Friedman LM, editors. Data Monitoring in Clinical Trials: A Case Studies Approach. Springer Science+Business Media, Inc., New York, 2006.

Good W, Hardy RJ on Behalf of the Early Treatment for Retinopathy of Prematurity Cooperative Group. Results of the Early Treatment for Retinopathy of Prematurity, in the proceedings of the 3<sup>rd</sup> International Symposium on Retinopathy of Prematurity: An update on ROP from the Lab to the Nursery. Molecular Vision. 12:532-80; 2006.

Cryotherapy for Retinopathy of Prematurity Cooperative Group (Writing Committee, Member). Visual acuity at 10 years in the CRYO-ROP Study Eyes: Effect of retinal residua of ROP. Arch Ophthalmol, 124:199-202; 2006.

VanderVeen DK, Coats DK, Dobson V, Fredrick D, Gordon RA, Hardy RJ, Neely DE, Palmer EA, Steidl SM, Tung B, Good WV on behalf of the Early Treatment for Retinopathy of Prematurity Cooperative Group. The prevalence and course of strabismus in the first year of life for infants with prethreshold ROP: Findings from the early treatment for retinopathy of prematurity study. Arch Ophthalmol, 124:766-773; 2006.

Bundy JK, Gonzalez VR, Barnard BM, Hardy RJ, DuPont HL. Gender Risk Differences for Surgical Site Infections Among a Primary Coronary Artery Bypass Graft Surgery Cohort: 1995-1998. Amer Jrl of Infection Control, 34(3):114-21; 2006.

The Early Treatment for Retiniopathy of Prematurity Cooperative Group. The early treatment for retinopathy of prematurity study (ETROP): structural findings at 2 years of age. Br J Ophthalmol 2006;90:1378-1382.

R J Hardy, W V Good, V Dobson, E A Palmer, B Tung, D L Phelps, M J Shapiro, W A J van Heuven, on behalf of the ETROP Cooperative Group. The Early Treatment for Retinopathy of Prematurity Clinical Trial: Presentation by Subgroups versus Analysis within Subgroups. Br J Ophthalmol 2006;90:1341-1342.

Lai D, Tarwater P, Hardy RJ. Measuring the Impact of HIV/AIDS: Diseases of the Heart and Malignant Neoplasms on Life Expectancy in the United States from 1987 to 2000. Public Health (In Press 2006)

PRESENTATIONS AT PROFESSIONAL MEETINGS:

- Hardy RJ: Some Statistical Problems in Matched Control Studies. Joint Meetings of the American Statistical Association and the Biometric Society, August 1969.
- Hardy RJ: A Comparison of Two Models for Competing Risks of Death. Joint Meeting of the American Statistical Association and the Biometric Society, Fort Collins, Colorado, August 1971.
- Weinman EJ, Hardy RJ: Examination of the Gertz Technique as Applied to the Proximal Tubule of the Rat Kidney. International Symposium of Micropuncture Techniques, New Haven, Connecticut, November 1971.
- Hardy RJ: Methods of Sampling Human Populations in Studies of Disease Etiology. Joint Meeting of the Connecticut Valley and Berkshire Sections of the Association of Teachers of Mathematics in New England. Northampton, Massachusetts, April 1972.
- Hardy RJ: A Stochastic Model for the Reabsorption of Isotonic Saline by the Tubules in the Kidney. Joint Meeting of the American Statistical Association and the Biometric Society, Ithaca, New York, May 1973.
- Fischer DB, Hardy RJ: The Frequency of Visits to Physicians: An Application of Multiple Regression in a Weighted Poisson Process. Joint Meeting of the Biometric Society and American Statistical Association, College Station, Texas, March 1976.
- Mumm R, Hardy RJ: Estimation of Survival Probabilities in Life Tables. Joint Meeting of the American Statistical Association and the Biometric Society, San Diego, California, August 1978.
- Peduzzi P, Hardy RJ, Holford T: A Stepwise Variable Selection Procedure for Survival Models. Joint Meeting of the American Statistical Association and the Biometric Society, San Diego, California, August 1978.
- Hardy RJ: Comparison of Survival Curves with Subgroup Analyses and Monitoring for Early Stopping. Society for Controlled Clinical Trials, Philadelphia, Pennsylvania, May 1980.
- Hardy RJ: Study Designs in Epidemiology Research. Society for Clinical Pharmacology and Therapeutics, New Orleans, Louisiana (1982).
- Hardy RJ: Mathematical Models in Transient Cerebral Ischemia. Pharmaceutical Manufacturers Associational Biostatistics Subsection, Naples, Florida (1982).
- Hardy RJ: Impact of Selected Indices of Antihypertensive Treatment on All-Cause Mortality. Epidemiology Council of the American Heart Association, San Diego, California (1982).
- Hardy RJ: Impact of Selected Indices of Antihypertensive Treatment on All-Cause Mortality. American Heart Association, Dallas, Texas (1982).

PRESENTATIONS AT PROFESSIONAL MEETINGS (Continued):

Hardy RJ: On Measuring Response to Treatment--A Statistician's Viewpoint. Eastern Regional Meeting of the Biometric Society, Nashville, Tennessee (1983).

Hardy RJ: Survival Analysis with Time Dependent Covariates: Evaluation of Control of High Blood Pressure. Annual Meeting of Texas Statisticians, Waco, Texas (1984).

Hardy RJ: Survival Analysis with Time-Dependent Covariates in Evaluating Control of Risk Factors. Houston Area Chapter of the American Statistical Association, Houston, Texas (1984).

Chiang YK, Hardy RJ: An Illness-Death Process with Time-Dependent Covariates. Joint Statistical Meeting of American Statistical Association, Biometric Society and Institute of Mathematical Statistics, Las Vegas, Nevada (1985).

Hardy RJ: Multi-Center Trial of Cryotherapy for Retinopathy of Prematurity: Design and Analysis Features. Seventh Annual Meeting of the Society for Clinical Trials, Montreal, Quebec, Canada (1986).

Hardy RJ: Survival Analysis with Covariates: Evaluation of Intervention for Hypertension. Fifth Annual Conference of Biomedical Engineering Research, Houston, Texas (1987).

Davis BR and Hardy RJ: Stopping rules versus conditional power. Presented at the Society for Clinical Trials Meeting, San Diego, California, May 1988.

Davis BR and Hardy RJ: Conditional power curves. Presented at the Biometric Society (WNA) Meeting, Honolulu, Hawaii, June 1988.

Davis BR and Hardy RJ: Conditional power boundaries in clinical trial. Presented at the American Statistical Association Meeting, New Orleans, Louisiana, August 1988.

Hardy RJ and Davis BR: Design, analysis, and monitoring an ophthalmological clinical trial. Presented at the Biometric Society (ENAR), Lexington, Kentucky, March 1989.

Davis BR and Hardy RJ: Prediction intervals for predicted estimates using stochastic curtailment procedures. Presented at the Biometric Society (ENAR), Lexington, Kentucky, March 1989.

Davis BR and Hardy RJ: Stochastic curtailment methods and confidence intervals. Presented at the Society for Clinical Trials, Minneapolis, Minnesota, May 1989.

Hardy RJ, Davis BR, Tung B, Palmer E.: Statistical aspects of early termination in the Multicenter Trial of Cryotherapy for Retinopathy of Prematurity. Presented at the Society for Clinical Trials, Minneapolis, Minnesota, May 1989.

PRESENTATIONS AT PROFESSIONAL MEETINGS (Continued):

- Palmer E, Hardy RJ, Flynn J, Schaffer D, Phelps D, Davis BR, et al.: Operational aspects of early termination in the Multicenter Trial of Cryotherapy for Retinopathy of Prematurity. Presented at the Society for Clinical Trials, Minneapolis, Minnesota, May 1989.
- Davis BR, and Hardy RJ: Confidence intervals and stochastic curtailment procedures. Presented at the American Statistical Association Meeting, Washington, DC, August 1989.
- Davis BR, and Hardy RJ: An upper bound for type I error in conditional power calculations. Presented at the Biometric Society-ENAR, Baltimore, Maryland, April 1990.
- Hardy RJ, Davis BR, Palmer EA, Tung B.: Statistical considerations in the early termination of the Multicenter Trial of Cryotherapy for Retinopathy of Prematurity. Presented at the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May 1990.
- Davis BR and Hardy RJ: Stochastic curtailment and group sequential methods. Presented at the XV International Biometric Society, Budapest, Hungary, July 1990.
- Davis BR and Hardy RJ: Is stochastic curtailment a group sequential procedure? Presented at the American Statistical Association, Anaheim, California, August 1990.
- Davis BR and Hardy RJ: Stochastic curtailment boundaries based on the null and alternative hypotheses. The Biometric Society--ENAR, Houston, Texas, March 1991.
- Davis BR and Hardy RJ: Stochastic curtailment boundaries in clinical trials. Presented at the American Statistical Association, Atlanta, Georgia, August 1991.
- Hardy RJ, Palmer EA, Schaffer DB: A model for tracking retinopathy of prematurity. Presented at the American Association for Pediatric Ophthalmology and Strabismus, Maui, Hawaii, February 11, 1992.
- Palmer EA, on behalf of the Cryotherapy for Retinopathy of Prematurity Cooperative Group: Multicenter Trial of Cryotherapy for Retinopathy of Prematurity (CRYO-ROP): Fundus outcome 3.5 years following treatment. Presented at the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May 1992.

PRESENTATIONS AT PROFESSIONAL MEETINGS (Continued):

Dobson V, on behalf of the Cryotherapy for Retinopathy of Prematurity Cooperative Group: Multicenter Trial of Cryotherapy for Retinopathy of Prematurity (CRYO-ROP): Recognition and resolution acuity results at 42 months in treated vs. untreated eyes in the Cryotherapy for Retinopathy of Prematurity Trial. Presented at the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May 1992.

Davis BR and Hardy RJ: Stochastic curtailment methods. Invited presentation for Memorial Session for Richard D. Remington. American Statistical Association, Toronto, Ontario, Canada, August 1994.

Quinn GE, Dobson V, Hardy R, Biglan A, Plotsky D on behalf of the CRYO-ROP Cooperative Group: Similarities in Retinopathy of Prematurity (ROP) Status Between Fellow Eyes in Children in the Cryotherapy for Retinopathy of Prematurity (CRYO-ROP) Study. Association for Research in Vision and Ophthalmology (ARVO), 1994.

Dobson V, Quinn GE, Abramov I, Hardy R, Tung B, Siatkowski M, Phelps D, Palmer E for the CRYO-ROP Cooperative Group: Color vision measured with Pseudoisochromatic Plates at 5½ Years in Eyes of Children from the CRYO-ROP Study. Association for Research in Vision and Ophthalmology (ARVO), 1995.

Gilbert W, Quinn GE, Dobson V, Reynolds J, Hardy R, Palmer E for the CRYO-ROP Cooperative Group: Partial Retinal Detachment at 3 Months After Threshold ROP: Long Term Structural and Functional Outcome. Association for Research in Vision and Ophthalmology (ARVO), 1995.

Palmer E, Hardy R on behalf of the Cryotherapy for Retinopathy of Prematurity (CRYO-ROP) Cooperative Group: Multicenter Trial of Cryotherapy for Retinopathy of Prematurity: Snellen Acuity and Structural Outcome at 5½ Years. Association for Research in Vision and Ophthalmology (ARVO), 1995.

Quinn GE, Dobson V, Hardy R, Tung B, Phelps D, Palmer E for the CRYO-ROP Cooperative Group: Visual Fields Measured with Double-Arc Perimetry in eyes with Threshold ROP from the CRYO-ROP Trial. Association for Research in Vision and Ophthalmology (ARVO), 1995.

Msall M, Phelps D, DiGaudio K, Dobson V, Tung B, McLead R, Quinn G, Hardy R, Palmer E on behalf of the CRYO-ROP Cooperative Group: Functional Status (WeeFIM) at age 5.5 Years and ROP in 1258 Children in Phase II of the CRYO-ROP Study. Society for Pediatric Research (SPR), 1995.

Hardy RJ: Career Opportunities in Biostatistics. Mathematics Association of American--Texas Tech University--Lubbock, Texas, 1996.

Lai D and Hardy RJ: Impact of AIDS on Life Expectancy in the United States. UT-Houston School of Public Health Biometry Colloquium, 1996.

PRESENTATIONS AT PROFESSIONAL MEETINGS (Continued):

Hardy RJ: A Surveillance System for Assessing Health Effects from Hazardous Exposures: The Texas Method. UTHSC-San Antonio, San Antonio, Texas 1998.

Hardy RJ and Davis BR: Statistical Aspects of Early Termination: The CRYO-ROP and LIGHT-ROP Studies. The International Biometric Society-Eastern North American Region (ENAR) Pittsburgh, PA 1998.

Hardy RJ: Outcome-Based Management of Retinopathy of Prematurity. American Association for Pediatric Ophthalmology and Strabismus (AAPOS) Workshop in Palm Springs, CA 1998.

Hardy RJ, Palmer, EA, Phelps, DL: Tracking and Predicting Outcomes During Acute Phases of Retinopathy of Prematurity. American Association for Pediatric Ophthalmology and Strabismus (AAP) Annual Meeting in San Francisco, CA 1998.

Hardy RJ: Statistical Aspects of Clinical Trials in Eye Diseases. University of Houston-Downtown. Houston, TX 1998.

Hardy RJ: A Surveillance System for Assessing Health Effects from Hazardous Exposures: The Texas Method. UTHSC-San Antonio, San Antonio, Texas 1999.

Hardy RJ: Cryotherapy for Retinopathy of Prematurity Cooperative Group. Ophthalmological outcomes at 10 years. The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting in Ft. Lauderdale, FL 2000.

Hardy RJ: NEI-Sponsored Trials in Retinopathy of Prematurity: PAST AND PRESENT Cryotherapy for Retinopathy of Prematurity. Randomized Trials in Ophthalmology: Past, Present, Future. Johns Hopkins University, Baltimore, MD 2001.

Hardy RJ: ETROP Multicenter Study Group. The Design of the Multicenter Study of Early Treatment for Retinopathy of Prematurity. The Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting In Ft. Lauderdale, FL 2001.

Bundy JK, Gonzalez VR, Barnard BM, Hardy RJ, DuPont HL: Gender Risk Differences for Surgical Site Infections Among A Primary Coronary Artery Bypass Graft Surgery Cohort. 30<sup>th</sup> Annual Educational Conference and International Meeting San Antonio, TX 2003.

Quinn GE, Dobson V, Saigal S, Phelps DL, Hardy RJ, Tung B, Summers CG, Palmer EA, on Behalf of the CRYO-ROP Cooperative Group: Health Related Quality of Life at Age 10 Years in Very-Low-Birth-Weight Children With and Without Severe Retinopathy of Prematurity. American Association For Pediatric Ophthalmology and Strabismus (AAPOS), Waikola, HI 2003.

PRESENTATIONS AT PROFESSIONAL MEETINGS (Continued):

Quinn GE, Dobson V, Saigal S, Phelps DL, Hardy RJ, Tung B, Summers CG, Palmer EA, on Behalf of the CRYO-ROP Cooperative Group: Health Related Quality of Life at Age 10 Years in Very-Low-Birth-Weight Children With and Without Severe Retinopathy of Prematurity. American Pediatric Society/Society for Pediatric Research, Seattle, WA 2003.

Hardy RJ: ETROP Multicenter Study Group. Risk Analysis Model for Eyes with Prethreshold ROP. The Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting In Ft. Lauderdale, FL 2004.

Hardy RJ: ETROP Multicenter Study Group. Design Features: ETROP Study. The Association of Research in Vision and Ophthalmology (ARVO) Annual Meeting In Ft. Lauderdale, FL 2004.