

## CURRICULUM VITAE

Ralph F. Frankowski, B.Sc., M.S., M.P.H., Ph.D.  
December, 2006

### PRESENT POSITION AND ADDRESS:

Professor of Biometry

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### EDUCATION:

B.Sc., (Mathematics), DePaul University, College of Liberal Arts & Sciences, Chicago, Illinois, 1957

M.S., (Mathematics), DePaul University, Graduate School, Chicago, Illinois, 1959

M.P.H. (Biostatistics), The University of Michigan, School of Public Health, Ann Arbor, MI, 1962

Ph.D., (Biostatistics), The University of Michigan, Rackham Graduate School, Ann Arbor, MI, 1967

### Graduate School Academic Awards

1957; Pi Mu Epsilon, National Honorary Mathematics Society, DePaul University

1957-1959; Mathematics Graduate Teaching Assistantship Award, DePaul University

1959; Delta Sigma, National Catholic Honor Society, DePaul University, Graduate School

1962-1965; USPHS Biostatistics Traineeship, The University of Michigan, School of Public Health,

1963; Delta Omega, Honorary Public Health Society, The University of Michigan, School of Public Health

### Professional and Teaching Experience

#### Academic Appointments

1959-1962; Instructor, Department of Mathematics, Barat College, Lake Forest, Illinois

1965-1969; Assistant Professor of Biostatistics, Department of Biostatistics, School of Tropical Medicine & Public Health, Tulane University, New Orleans, Louisiana

1970-1976; Associate Professor of Biometry, Biometry Faculty, The University of Texas School of Public Health, Houston, Texas and Adjunct Associate Professor of Mathematical Science, Department of Mathematical Sciences, Rice University

1976-current; Professor of Biometry (Biostatistics), The University of Texas School of Public Health, and Adjunct Professor, Department of Statistics, Rice University

## **Academic Administration**

1971-1973; Convener, Biometry Faculty, University of Texas School of Public Health

1972-1973; UTSPH Faculty Representative to the Chancellor, The University of Texas System

1976-1982; Associate Dean for Academic Affairs, The University of Texas School of Public Health

1993-1995; Interim Director, UTSPH Center for the Prevention of Injury and Violence

## **University Committees and Community Service Committees**

UTHSCH Health Science Center Interfaculty Council, 1985-1986

UTHSCH President's Standing Committee on Interpersonal Violence, 1985-1989

UTSPH Minority Advisory Committee, 1984-1989

Texas Head Injury Foundation, Advisory Board, 1985-1988

UTHSCH Advisory Committee for Selection of a Dean for the University of Texas School of Public Health, 1987

UTHSCH Advisory Committee for the Selection of a President for the University of Texas at Houston Health Science Center, 1988

Southern Regional Educational Programs Accreditation Committee, 1988

State of Texas Technological Extension of Life Legal Review Committee, 1989

UTHSCH Health Science Center Salary Equity Committees 1985, 1990, 1995, 1996

Harris County Medical Society Trauma Prevention Committee, 1992-1995

UTSPH Community Health Advisory Board, 1995-1996

UTSPH Master of Public Health Thesis Criteria Committee, 1996

UTHSCH Committee for the Protection of Human Subjects (CPHS), Institutional Review Board, member, 1992-1996.

UTHSCH Committee for the Protection of Human Subjects (CPHS), Institutional Review Board. Vice-Chair, 1997-2007

UTHSCH School of Medicine and Baylor College of Medicine. Physical Medicine and Rehabilitation Alliance Research Committee 1998-2002.

University of Texas MD Anderson Cancer Center. Search Committee for Chairman of the MD Anderson Department of Biostatistics. 1998.

UTSPH School of Public Health, Biometry Faculty Search Committee, 1998-2005.

UTHSCH President's Scholar Awards in Teaching and Research Selection Committee, 2003.

UTSPH School of Public Health Practice Council

UTHSCH, Medical School, Neuroscience Research Center, Executive Committee, 2004-2006

### **Continuing Education Professional Experience**

Program Director, 16th and 17th Annual Graduate Session of Statistics in the Health Sciences (Houston, TX and Boston, MA). Department of Health, Education, and Welfare, Bureau of Health Resources Development, 1974-1976.

Course Director, Biostatistics, The Upjohn Company, Kalamazoo, Michigan, 1976.

Course Director, Demographic Analysis II. The Applied Statistics Training Institute, National Center for Health Statistics. 1977-1982.

Program Co-Chairman, 1982 Conference on Control and Prevention of Injury, The International Center for Health at Galveston, (The Moody Foundation). Proceedings published in volume 73, Texas Medicine, 1983 and reprinted.

Faculty Member, Continuing Medical Education Course 58: Head Trauma: A Clinician's Primer, American Psychiatric Association, 138th Annual Meeting, Dallas, Texas, 1985.

Course Director, Elements of Medical Statistics, Department of Medicine, Houston Veterans Administration Hospital, 1985.

Course Director, Meta-Analysis: A Quantitative Approach to Research Integration, UTSPH Continuing Education Course in collaboration with Ingram Olkin, Stanford University and Larry Hedges, The University of Chicago, 1988.

Faculty Member, Basic Curriculum (Biostatistics) in Occupational Medicine, American College of Occupational Medicine, San Antonio, TX and Boston, MA. 1988-1989

Co-Chairman, Conference on Outcome Measures in Head Injury Therapeutic Clinical Trials, National Institute of Neurological Disorders & Stroke, Houston, 1991.

Committee on Continuing Education, American Statistical Association, Section on the Teaching of Statistics in the Health Sciences, 1995-1997.

Organizing Committee Member. The 29<sup>th</sup> Symposium on the Interface between Computing Science and Statistics (1997).

UTSPH Coordinator: Partnerships for Preventing Violence: MCET Live Satellite Broadcast 1998-1999.

UTSPH Coordinator: White House Conference on School Safety: Causes and Prevention of Youth Violence. Live Satellite Broadcast, 10/15/98

Steering Committee member and Faculty, UTHSCH Medical School, Department of Psychiatry and Behavioral Science April 24, 1999 Research Conference: Current Perspectives on Juveniles and Violence.

Program Committee member, UTSPH Conference: Ethical Issues in Occupational Health Research, Oct. 29-30, 1999.

Planning Committee member, PRIM&R, UTHSCH Committee for Protection of Human Subjects, and the UTSPH Southwest Center for Occupational & Environmental Health Conference, Exploring Cultural Currents: Domestic and International Issues in Research with Human Subjects. April 25-26, 2003.

UTSPH Course Coordinator: Biometry Continuing Education; Multilevel Models Workshop, 2004.

### **Federal and National Public Advisory Boards and Committees**

Veterans Administration. Operations Committee, Cooperative Studies of Surgery for Coronary Artery Disease, 1973-1988.

National Institutes of Health, National Heart, Lung, and Blood Institute. Coronary Artery Surgery Studies (CASS). Policy Advisory & Data Monitoring Committee, 1975-1983.

National Institutes of Health, National Heart, Lung, and Blood Institute. Cardiology Public Advisory Committee, 1976-1981.

National Institutes of Health, National Institute of Neurological and Communicative Diseases and Stroke. Steering Committee for the Coma Data Bank, 1978-1979.

National Institutes of Health, National Institute of Neurological and Communicative Diseases and Stroke. Office of Biometry and Field Studies, Statistical and Research Advisory Committee, 1981-1983.

National Institutes of Health, National Institute of Neurological and Communicative Diseases and Stroke. Scientific Programs Public Advisory Committee, 1982-1983.

National Institutes of Health, National Institute of Neurological and Communicative Diseases and Stroke. Division of Stroke and Trauma, Advisory Committee, 1985-1990.

Centers for Disease Control. Division of Injury Epidemiology and Control, Advisory Committee for Modification of International Classification of Diseases (ICD-10) Cause-of-Injury Codes, 1986-1989.

Centers for Disease Control and Prevention, National Center for Injury Prevention and Control. Drafting Group for Standards for Traumatic Brain Injury Surveillance, 1988-1992.

Department of Defense, Henry M. Jackson Foundation for the Advancement of Military Medicine. Defense and Veterans Head Injury Program. Scientific Advisory Board 1993-2004.

Center to Protect Workers' Rights (CPWR). Co-Chairman, Technical Advisory Board (TAB), 2000-2007. CPWR is the research arm of the Building and Trades Department of the AFL-CIO. By a cooperative agreement with the National Institute of Occupational Health and Safety, TAB reviews and funds pilot research grants in the prevention of occupational injury and disease.

Centers for Disease Control and Prevention, National Center for Injury Prevention and Control. Member; Injury Research Grant Review Committee, 1994-2003.

Centers for Disease Control and Prevention, National Center for Injury Prevention and Control, Chairman; Injury Research Grant Review Committee, 1997-2002.

Centers for Disease Control and Prevention, National Center for Injury Prevention and Control, Vice-Chair, Acute Care Research Agenda Steering Committee, 2003-2005.

Defense and Veterans Brain Injury Center, Uniformed Services Health Science Center, Walter Reed Army Medical Center, Chairman, Scientific Advisory Board, 2004-2006.

Veterans Affairs Medical Center (Houston) External Advisory Committee for the Center for Quality of Care and Utilization Studies, 2004-2006.

### **Research and External Advisory Committees**

The University of Iowa, Department of Neurosurgery, Advisory Committee, NIH-NINDS Cooperative Aneurysm Study, 1985-1986.

The University of Virginia, Department of Neurosurgery, Executive Committee, NIH-NINDS International Cooperative Study on Timing of Aneurysm Surgery, 1986-1991.

The University of Virginia, Department of Neurosurgery, Advisory Committee, NIH-NINDS Multicenter Randomized Trial of Nicardipine in Subarachnoid Hemorrhage, 1988-1991.

Baylor College of Medicine, Department of Neurological Surgery, External Advisory and Data Monitoring Committee, NIH-NINDS Program Project Grant; “Treatment of Physiological Disturbances in Head Injury” 1989- current.

The University of Iowa, Department of Neurology, Advisory Committee, NIH-NINDS Multicenter Randomized Trial of Org 10172 in Acute Stroke Treatment, 1990-1997.

Texas Department of Health and the Texas Health Foundation. Strategic Planning Committee for a Statewide Emergency Medical Services System, 1992.

University of Texas Medical School, Department of Neurosurgery, Advisory Committee, NIH-NINDS National Acute Brain Injury Study (NABIS) 1993-1998:

Cooper Institute for Aerobics Research, Scientific Advisory Board, NIH-NHLBI Project Active: A Randomized Clinical Exercise Trial for Reduction of Cardiovascular Risk Factors, 1993-1997.

University of Houston Law Center, Health Law and Policy Institute, Study and Legislative Advisory Group on “Violence and Health in Texas”, 1995-1996.

The University of Texas at El Paso, College of Science, External Advisory Committee, NIH-RCMI Program, Border Biomedical Research Center, 1996-1997.

UTHSCH School of Medicine and Baylor College of Medicine. Physical Medicine and Rehabilitation Alliance Research Committee 1998-2002.

University of California, Los Angeles Medical Center. Division of Neurosurgery. External Advisory Committee, NIH-NINDS Program Project grant, “Neurometabolic Pathobiology of Traumatic Brain Injury”, 1998-2002.

The Children’s Assessment Center, Houston, TX. Medical Services Evaluation Program Committee, 1997-2000.

National Institutes of Health, National Institute of Neurological Disorders and Stroke. Data and Safety Monitoring Board. (IHAST 2) Hypothermia During Intracranial Aneurysm Surgery. The University of Iowa. (Michael M. Todd, MD, Principal Investigator). 2000-2004.

National Institutes of Health, National Institute of Neurological Disorders and Stroke. Data and Safety Monitoring Committee. Effect of L-Arginine on Cerebral Hemodynamics in Patients with Regional or Global Brain Ischemia after Traumatic Brain Injury. (NIH Grant P01NS38660, Claudia Roberston, MD, Principal Investigator.) 2002-2005.

Department of Veterans Affairs. VAMC Iowa City, IA. Planning Committee, “The Midwest Gulf War Cohort Study” VA Cooperative Study 528. (Bradley Doebbeling, MD Study Chairman) (2002).

National Institutes of Health, National Institute of Neurological Diseases and Stroke, Observational Study Monitoring Committee, Etiology of Racial Differences in Stroke, Project REGARDS. (George Howard, PhD, UAB, Principal Investigator) 2003-2007.

National Institutes of Health, National Institute of Diabetes & Digestive & Kidney Diseases, Data Monitoring and Safety Committee, Ingested Interferon Alpha: Prolongation of Permanence of the “Honeymoon” Phase in Newly Diagnosed Diabetes Mellitus. (Kristina I. Rother, MD, NIDDK, Principal Investigator) 2004-2006.

The National Academies, Institute of Medicine. Washington, D.C. Consultant to the “Committee on Spinal Cord Injury: Strategies in a Search for a Cure, Technologies and Techniques”, Board on Neuroscience and Behavioral Health. 2004. IOM report, Spinal Cord Injury: Progress, Promise, and Priorities. ISBN 0-309-09585-9.

### **Ad Hoc Grant Reviewer and Scientific Consultantships**

NIH-NHLBI; NIH-NINDS; NIH-NIADDKD; NIH-NIMH; NIH-NICHD;

Veterans Administration, Cooperative Studies Program;

Centers for Disease Control, National Center for Injury Prevention and Control

The National Science Foundation, the American Statistical Association;

March of Dimes Research Program, National Center for Health Statistics;  
Texas Department of Health; Injury Prevention Section, Texas Cancer Registry

City of Houston Health Departments; Harris County Health Department;

State of Oklahoma Health Services Research Program;

Texas Coordinating Board for College and Universities

### **Awards and Commendations**

National Center for Health Statistics, Service Award, 1983

National Heart, Lung, and Blood Institute, Service Award, 1985

UTSPH Students' Golden Apple Award for Teaching Excellence, 1989

UTSPH Dean's Excellence in Teaching Award, 1993, 2002-2005

UT-H Health Science Center Excellence in Scholarship Award, 1995 – 2002, 2004-2006

American Statistical Association Distinguished and Faithful Service Recognition, 2001

Nominated for the 2002 Charles C. Shepard Science Award (CDC/ATSDR)

Recognition and Appreciation Certificate for service as Member, Injury Grant Review Committee of the Centers for Disease Control and Prevention 1994-1997

Recognition and Appreciation Certificate for service as Chair, Injury Grant Review Committee of the Centers for Disease Control and Prevention 1997-2001

Mentoring Award Nomination, UTHSCH Committee on the Status of Women, 2003

### **Professional Association Activities**

American Public Health Association:

Council on Population, 1970-1971

Task Force on Domestic Population Policy, 1971-1972

APHA Action Board, 1972

Committee of Membership, 1980-1984

Spiegleman Awards Committee, 1980-1985

American Statistical Association:

Chairman, Local Arrangements Committee

1980 National American Statistical Assn. Meeting

Initiative for a Journal Series Revision, 1990

Continuing Education Committee:

Teaching of Statistics in the Health Sciences, 1991-93

Chairman, R. D. Remington Memorial Session, 1993

Nominee, Chairman: ASA Section on Teaching of

Statistics in the Health Sciences, 1993

Biometrics Society: Chairman: Scientific Session,

Statistical Issues in the Analysis of Neuroscience Data,

### Editorial Activities

Editorial Board: Biometry Imprint Series, Monograph Publishing Series, University Microfilms International, 1977-1982.

Guest Editor: Texas Medicine, 1983.

Editor-at-Large: Biostatistics Series, Marcel Dekker, Inc.

Text Book Reviewer:

Duxbury Press, 1992

Springer-Verlag Publishers, 1990-1993

Oxford University Press 1995.

Van Norstand, 1996,

American Statistical Association, 1997.

**Journal Manuscript Reviewer:**

Biometrics, 1975, 1976, 1996  
Circulation, 1980, 1997, 1998  
American Statistical Association, 1983  
The American Statistician, 1983, 1984, 1996  
Controlled Clinical Trials 2003-2005  
Medical Care 2003-2005  
J Health Education Research 2005

**American Public Health Association: Statistics Section**

Selection Committee for presentations annual APHA Meetings 2001-2006

**Research Grants and Contracts Awarded (Principal Investigator)**

Biostatistics Training Grant: Biostatistics 5 T01 HS-00067, National Center for Health Services Research, 1971-1977

Summer Session of Statistics in the Health Sciences, PHS Bureau of Health Resources Development, 1972-1977

Comprehensive Central Nervous System (CNS) Trauma Center, N01-NS-9-2314, National Institutes of Health, National Institute of Neurological, Communicative Disorders, and Stroke, 1982-1987

North American Clinical Trials Network for Traumatic Spinal Cord Injury, Statistical Coordinating Center, Christopher Reeve Paralysis Foundation, 2004-2008.

**Collaborative Research Grants, Contracts, & Training Grants (post 1985)**

Central Nervous System Tumors and Occupational Exposures. National Institutes of Health, National Cancer Institute, R01-CA-32584, 1985-1990.

Neurobehavioral Outcome of Head Injury in Children. National Institutes of Health, National Institute of Neurological, Communicative, Disorders, and Stroke, R49-CCR-603629, 1991

Meta-Analysis of Patient Care. National Center for Health Services Research and Technology Assessment, R03-HS-05959, 1989-1992.

Reduction of Injury Hazards in Family Day Care Homes. Centers for Disease Control and Prevention, R49-CCR-603629, 1990-1992.

Violence Prevention in Middle Schools: A Randomized Curriculum Evaluation. Hogg Foundation for Mental Health Research Grant, 1992.

Project Active: a randomized controlled trial to evaluate the effectiveness of lifestyle physical activity to promote change in physical fitness and cardiovascular health. National Institutes of Health, National Heart, Lung and Blood Institute, Grant 1R01HL 48597, 1991-1997.

The Students for Peace Project. A Randomized School-Based Evaluation of a Comprehensive Violence Prevention Program for Middle School Students. National Center for Injury Prevention & Control, and the Division of School Health, Centers for Disease Control & Prevention, U48/CCU609953, 1993-1997.

Pharmacological Therapies for Head Injury Rehabilitation. National Center for Injury Prevention & Control, Centers for Disease Control & Prevention, R49-CCR-606659.

Case-Control Study of Risk Factors for Serious Suicide Attempts among Young Adults in Harris County, Texas. National Center for Injury Prevention & Control, Intramural Research Program, Centers for Disease Control & Prevention, Contract 200-87-0540, 1993-1998.

Clinical Research Curriculum and Mentorship Program (CRCA). National Institutes of Health, National Heart, Lung, and Blood Institute. K30 HL04137, 2000-2004

Stroke Surveillance in a Biethnic Community. National Institutes of Health, National Institute for Neurological Disease and Stroke. R01 NS 38916, 1999-2001.

Injury and Illness Surveillance in Migrant Farmworkers. National Institute of Occupational Safety and Health. 1 RO1 OH070041-01, 1999-2002.

Education Resource Center Training Grant, Southwest Center for Occupational and Environmental Health. National Institute of Occupational Safety and Health. Training Grant T42-CCCT-6140417, 7/1/00-6/30/05

Development of a Surveillance System to Monitor Childhood Obesity in Texas, Texas Department of Health, Austin, TX, Acct. 320-6-9338, 2000-2005

Safety Climate and Occupational Injuries among Construction Workers, The Center to Protect Workers' Rights, 2000-2001

Trauma Training Grant: Role of the Gut in Postinjury Multiple Organ Failure, National Institutes of Health, National Institute of General Medical Sciences, 1 T32 GM08792-01, 2001-2005.

Brief Intervention to Reduce Injury in Minorities, National Institutes of Health, National Institute of Alcohol Abuse and Alcoholism, 1R01 AA 13824, 2002-2007

Traumatic Brain Injury (TBI) in Federal Prison Inmates, Centers for Disease Control and Prevention, National Center for Injury Prevention and Control, Awarded 01 Sep 2004, 2004-2006

International Research Training Program in Injury and Trauma, National Institutes of Health, Fogarty International Center, 1 D43 TW007564-01 (2006-2011)

Training Program in Biostatistics at UTHSCH-SPH, The National Institute of General Medical Sciences, 1 T32 GM074902-01A1 (2006-2009)

### **Publications (List excludes presentations at scientific meetings )**

Frankowski RF. The estimation of parameters in a mixture of Gaussian distributions with application to the distribution of serum uric acid in man. Dissertation Abstracts 28: 2502-2508 (1967).

Beasley JD, Frankowski, RF, Hawkins CM. The Orleans Parish family planning demonstration program-description of the first year. Milbank Memorial Fund Quarterly. 47: 225-253 (1969).

Beasley JD, Frankowski RF, Hawkins CM. Evaluation of national health programs: part IV Louisiana family planning. American Journal of Public Health. 61: 1812-1825 (1971).

Beasley JD, Frankowski RF. United States: utilization of a metropolitan family planning program. Studies in Family Planning. The Population Council. No. 59: 7-16 (1972).

Lee ES, Roberts RE, Frankowski RF. Ethnicity, fertility, and social status in the southwestern United States. Population Index. 38: 261 (abstract) (1972).

Leader AJ, Axelrad SD, Frankowski RF, Mumford SD. Complications of 2,711 vasectomies. Journal of Urology. 111: 365-369 (1974).

Fields WS, Lemak NL, Frankowski RF, Hardy RJ. Aspirin in transient ischemic attacks. Stroke. 8: 301-316 (1977).

Reeves TJ, Blinks JR, Cox JR, Danilowicz PA, Drinker PA, Frankowski RF., et al. Mechanically-assisted circulation: status of the NHLBI program and recommendations for the future. Journal of Artificial Organs 1: 38-58 (1977).

Fields WS, Lemak NA, Frankowski RF, Hardy RJ. Controlled trial of aspirin in cerebral ischemia, part II: surgical group. Stroke 9: 309-319 (1978).

Fields WS, Lemak NA, Frankowski RF, Hardy RJ. Controlled trial of aspirin in cerebral ischemia (AITIA study). Thromb Hemostasis 41: 135-141 (1979).

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. Int'l Congress and Symposium. Series No. 39 (1980).

Fields WS, Lemak NA, Frankowski RF, Hardy RJ, Bigelow RH. Aspirin in cerebral ischemia-a comparison of studies. Circulation. 62: Suppl 5 :90-96 (1980).

Makela, ME, Frankowski, RF, Gildenberg, PL, Grossman, RG, Wagner KA. (1982). Comparison of head injury outcome rates at two adjacent hospitals. In: *Head Injury: Basic and Clinical Aspects: Seminars in Neurological Surgery*. Edited by R.G. Grossman and P.L. Gildenberg, pp 203-212. Raven Press, NY.

Downs, TD, Frankowski, RF. (1982). Influence of repair processes in dose-response models. Drug Metabolism Reviews. 13: 839-852 (1982).

Wagner KA, Donovan WH, Kopanicky DR, Frankowski RF, Clifton G, Weiner R. Spinal cord injury care system in a metropolitan area. Arch Phys Med Rehabil 63: 537-538 (abstract) (1982).

Donovan WH, Carter ER, Frankowski RF, Clifton GL. Building a system of coordinated care for the spinal-injured. Spinal Cord Injury Digest. 4: 57-63 (1982).

Sanderson L, Buffler PA, Frankowski RF, Christensen B. Comparative analysis of hospitalized occupational and non-occupational adult burn injuries. Am J Epidemiol 116:563 (abstract) (1982).

Hernandez-Matheson IM, Frankowski RF, Held B. Foeto-maternal morbidity in the presence of antibodies to trypanosome cruzi. Transactions Royal Society of Tropical Medicine and Hygiene. 77: 405-411 (1983).

Kaufman HH, Loyola WP, Makela ME, Frankowski RF, Wagner KA, Bernstein DP, Gildenberg PL. Civilian gunshot wounds: the limits of salvageability. Neurochir 67: 115-125 (1983).

Frankowski RF, Handel SF. (editors) Control and Prevention of Injuries, Volume 79 August 1983, reprinted from Texas Medicine (40 pp.).

Frankowski RF, Handel SF. Trauma in Texas Editorial. Texas Medicine. 79: 5-8 (1983).

Kendall JZ, Richards GE, Frankowski RF. Regulation of prolactin secretion in the pregnant pig: effect of fetal hypophysectomy and fetal death in small litters. Biology of Reproduction. 29: 412-421 (1983).

Frankowski RF. (1984). Summary of recent findings on the incidence of fatal and nonfatal head injuries in various subpopulations of the United States. Am J Epidemiol 119: 504 (abstract) (1984).

Turner JC, Kassell NF, Adams HP, Woolson RF, Frankowski RF. (1985). Reliability of neurological grading scales in subarachnoid hemorrhage: report of the cooperative aneurysm study. In: *Cerebrovascular Diseases*, edited by F. Plum and W. Pulsinelli. Pp. 77-82. Raven Press, NY.

Clifton GL, Donovan WH, Frankowski RF. Patterns of care for the patient with spinal cord injury. Curr Concepts Rehabil Med. 2: 14-19 (1985).

Frankowski RF: (1985). Head injury mortality in urban populations and its relation to the injured child. In: *The Injured Child*, edited by B.J. Brooks, pp 20-30. The University of Texas Press, Austin, Texas.

Frankowski RF, Annegers JF, Whitman S. (1985) The descriptive epidemiology of head trauma in the United States. In: *Central Nervous System Trauma Status Report*. edited by D.P. Becker and J.T. Povlishock. Pp. 33-44. National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, US GPO, Washington DC.

Ing RT, Baker SP, Eller JB, Frankowski RF, Guyer B, Hollinshead WH, Pine J, and Rockett I. Injury surveillance systems: strengths, weaknesses, and issues, Public Health Reports. 100: 582-586 (1985).

Frankowski RF. (1986). The demography of head injury in the United States. In: *Neurotrauma: Treatment, Rehabilitation and Related Issues*. Edited by M.E. Miner and K.A. Wagner. PP 1-19. Butterworths, Boston.

Frankowski RF. (1986). Descriptive epidemiologic studies of head injury in the United States: 1974-1984. In: *Psychiatric Aspects of Trauma*. (Adv Psychosom Med). Edited by G.J. O'Shanick and L.G. Peterson. PP 153-172. Karger Publishers, Basel.

Boylan P, Frankowski RF. Dystocia, parity, and the cesarean problem. Am J Obstet Gynecol. 155: 455 (letter) (1985).

Lloyd L, Istre G, Danilson S, Sheline J, McGrew C, Frankowski R. (1987). Violence in America: Regional Data Collection and Analysis. In: *Violence in America. Proceedings of the Southwest Conference Regional Research Conference*. Edited by A.Z. Reed and J.C. Sullivan. PP 125-134. (Panel discussion). Family Advocacy Program. United States Air Force. ISBN: 0-89940-100-7.

Levin HS, Mattis S, Ruff M, Eisenberg HM, Marshall LF, Tababdor K, High WM, Frankowski RF. Neurobehavioral outcome following minor head injury: a three-center study. J Neurosurg. 66:234-243 (1987).

- Johnson CC, Annegers JF, Frankowski RF, Spitz MR, Buffler PA. Child nervous system tumors: an evaluation of the association with paternal occupational exposure to hydrocarbons. Am J Epidemiol 126: 605-613 (1987).
- Kendall JZ, Duzik PJ, Nelson DR, Sherwood JC, Thurman JC, Frankowski RF. The effect of fetal hypophysectomy and fetal death in gilts with small litters on concentrations of relaxin, progesterone and estradiol-17 $\beta$ . Animal Reproduction Science. 16: 107-123 (1989).
- Perales DR, Frankowski RF. (1989). Homicide among Hispanics: the Houston experience. In: *Research Conference on Violence and Homicide in Hispanic Communities*. Edited by J.F. Kraus, S. D. Sorensen, and P.D. Juarez. PP 119-134. U.S. Department of Health and Human Services, Office of Minority Health. Washington, DC.
- Eisenberg HM, Frankowski RF, Contant C, Marshall LF, Walker MD and the Comprehensive Central Nervous System Trauma Centers. High dose barbiturate control of elevated intracranial pressure in patients with severe head injury. J Neurosurg 69: 15-23 (1989).
- Klauber MR, Marshall LF, Luerssen TG, Frankowski RF, Tabaddor K, Eisenberg HM. Determinants of head injury mortality: importance of the low risk patient. Neurosurgery 24: 31-36 (1989).
- Eisenberg HM, Frankowski RF, Contant C, Marshall LF, Walker MD. Barbiturates in severe head injury J. Neurosurg (Neurosurgical Forum) 70: 501-503 (1989).
- Beltangady MS, Frankowski RF. Effect of unequal censoring on the size and power of the logrank and Wilcoxon types of tests for survival data. Statistics in Medicine. 8: 937-945 (1989).
- Fisher LD, Dixon DO, Herson J, Frankowski RF. (1989) (edited & reprinted in 1993). Analysis of randomized clinical trials: intention-to-treat. In: *Pharmaceutical Drug Development: Statistical Considerations*. edited by K. Peace. Pgs. 331-344. Marcel Dekker, Inc., NY.
- Crane MH, Keating MJ, Trujillo JM, Labarthe DR, Frankowski RF. Environmental exposures in cytogenetically defined subsets of acute nonlymphocytic leukemia. JAMA. 262: 634-639 (1989).
- Armstrong DD, Almes MJ, Buffler PA, Frankowski RF, McGarry P. A cluster classification system for histologic diagnoses of central nervous system tumors in an epidemiologic study. Neuroepidemiology. 9: 2-16 (1990).
- Jennett B, Frankowski RF. (1990) The epidemiology of head injury. In: *Handbook of Clinical Neurology, Vol. 13 (57): Head Injury*. Edited by R. Braakman. Pgs. 1-16. Elsevier Science Publishers, Amsterdam and New York.
- Donovan WH, Wilkerson MA, Rossi D, Mechoulam F, Frankowski RF. A test of the ASIA guidelines for classification of spinal cord injuries. J Neuro Rehab 4: 39-53 (1990)
- Boylan P, Frankowski RF, Rountree R, Selwyn B, Parrish K. Effect of active management of labor on the incidence of cesarean section for dystocia in the nullparous. Am J Perinatology 9: 2-16 (1991).
- Brink SB, Tortelero SR, O'Hara N, Hammond MV, and Frankowski RF. Injury Hazards in outdoor play areas of family day care providers. Children's Environments Quarterly. 8: 62-68 (1991).

Frankowski RF. (1992). The epidemiology of stroke and intracerebral hemorrhage. In: *Intracerebral Hematomas*. Edited by H.H. Kaufman. pgs. 1-13. Raven Press, New York.

Tabak ER, Mullen PD, Simons-Morton DG, Green LW, Mains DA, Eilat-Greenberg S, Frankowski RF, and Glenday MC. Definition and yield of inclusion criteria for a meta-analysis of patient education studies of clinical preventive services. Evaluation and the Health Professions 14: 388-411 (1993).

Haley EC, Kassell NF, and members of the cooperative national study group. A randomized controlled trial of high-dose nicardipine in aneurismal subarachnoid hemorrhage. A report of the cooperative aneurysm study. J Neurosurgery 78 (4): 537-547 (1993). (Advisory Committee Member)

Haley EC, Kassell NF, and members of the cooperative national study group. A randomized trial of nicardipine in subarachnoid hemorrhage – angiographic and transcranial Doppler ultrasound results. A report of the Cooperative Aneurysm Study. J Neurosurgery 78 (4): 548-553 (1993). (Advisory Committee Member)

Miller CC, Delclos GL, Frankowski RF, Labarthe DR. Joint effects of pulmonary function and aerobic power on survival in a cohort of healthy adults. Am J Resp Crit Care Med 149: A521 (abstract) (1994).

Albanese MA, Clarke WR, and members of the cooperative national study group. Ensuring reliability of outcome measures in multicenter clinical trials of treatment for acute ischemic stroke: The Program developed for the trial of ORG-10172 in acute stroke treatment (TOAST). Stroke 25 (9): 1746-1751 (1994). (Advisory Committee Member).

Yeomans AC, Vernon SW, Frankowski RF, Weber D, Bitsura J. and Vogel VG. Behavioral and social factors associated with participation in the Breast Cancer Prevention Trial (BCCT). Cancer. 76(1): 46-56 (1995).

Abi-Said D, Annegers JF, Combs-Cantrell D, Frankowski RF, and Willmore LJ. A case-control study of risk factors for eclampsia. Am J Epidemiol 142(4): 437-441 (1995).

Fulton JE, Pivarnik JM, Taylor WC, Snider SA, Tate AL, and Frankowski RF. Prediction of maximum voluntary ventilation (MVV) in African-American girls. Pediatric Pulmonology. 20: 225-233 (1995).

Orpinas P, Parcel GS, McAlister A, and Frankowski RF. Violence prevention in middle schools: a pilot evaluation. J of Adolescent Health. 17: 360-371 (1995).

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