

RESUME

NAME: Shuster, Jonathan J.

BORN: Montreal, P.Q., Canada 1-6-43

CITIZENSHIP: USA

MARITAL STATUS: Married, two children

EDUCATION:

B.Sc. McGill University, Montreal, 1964 (Chemistry)  
M.Sc. McGill University, Montreal, 1967 (Math-Statistics)  
Ph.D. McGill University, Montreal, 1969 (Math-Statistics)

AWARDS:

The National Research Council of Canada Studentship (1968-69)  
Warner Lambert Research Award (1980)  
Research Achievement Award (UF) (1990, 1991, 1992, 1993) (Only years awarded)  
University of Florida Research Foundation Professorship: 2000-2002

PROFESSIONAL MEMBERSHIPS:

American Statistical Association (Elected Fellow 1992 )  
Society for Clinical Trials (1981-)

EMPLOYMENT EXPERIENCE:

Sir George Williams University: Lecturer, 1966-68 (Math-Statistics)

McGill University: Lecturer, 1968-69 (Math)

University of Florida: Assistant Professor, 1969-74 (Statistics)  
Tenured Associate Professor, 1974-80 (Statistics)  
Professor, 1980 - 2001 (Statistics)  
Adjunct Professor 2002  
Assoc. Chair of Statistics, College of Medicine 2000-2001  
Research Professor of Statistics 2003-2005  
Research Professor of Epidemiology/Health Policy 2005-

McGill University: Visiting Associate Professor, 1976-77 (Math-Statistics)

CONSULTING EXPERIENCE IN STATISTICS:

VA Hospital, Gainesville, Florida, 1974 - 1994  
B&M Chemicals, St. Petersburg, Florida 1974-75  
Group Statistician, U. F. Center for Ambulatory Studies, 1975-84  
Louisiana State University, Department of Ophthalmology, 1978-83  
Affiliate Faculty - Health Services Research - VA Hospital, 1980-82  
National Institutes of Health - Special Biostatistical Study Section - 1982-84

CONSULTING EXPERIENCE IN STATISTICS: (Continued)

National Institutes of Health - Epidemiology and Disease Control Study Section, 1986-90  
(Chairman 1989-90)  
President - Research Assistance Corporation, 1981 - 2009  
Florida Association of Pediatric Tumor Programs, 1981 -1993  
University of Minnesota, 1989 - 1996  
Lederle Laboratories, 1987 - 89  
National Institutes of Health, Cancer Clinical Investigation Review Committee, 1991-  
1993  
Associate Editor, Journal of the American Statistical Association, 1993-1995  
Editorial Board, Sequential Analysis 1996-  
Editorial Board, Blood 1999-2003  
National Institutes of Health - Epidemiology of Chronic Disease Study Section, 2003-5  
National Institutes of Health –Cardiovascular and Sleep Epidemiology Study  
Section,2005-2008  
Nominated to Peer review group for National Institutes of Health Special emphasis panel  
For Clinical and Translational Research Awards (2010)  
General Clinical Research Center (GCRC), University of Florida, Biostatistician 2002-  
2009  
Shands Clinical Research Unit (Replaced GCRC), Biostatistician 2009-

ADMINISTRATIVE EXPERIENCE:

Chairman, U. F. Department of Statistics Self-Study Committee, 1970  
Undergraduate Coordinator (Statistics), 1971-80  
Library Coordinator for Statistics, 1970-71  
Chairman, Statistics Sponsored Research Committee, 1974-80  
Elected University of Florida Faculty Senate, 1972-75, 1980-82  
Member, Institutional Review Board (Human Subjects), University of Florida, 1984-87  
and 2006-  
Director, UF International Center for Childhood Cancer Research 1994-2001

GRANTS AND CONTRACTS:

University of Florida Seed Grants, 1973-74, 1980-82  
Offshore Power Systems (Jacksonville, Florida), 1973-75  
American Cancer Society, 1974-75  
National Eye Institute (N.I.H.), 1974-76  
Environmental Protection Agency, 1976-80  
Severity Indexes 1979-82 (NIH, Co-Investigator)  
Statistical Office, Pediatric Oncology Group (National Cancer Institute, Co-Principal  
Investigator, 1980- 93, PI 1993 -2000)

GRANTS AND CONTRACTS: (Continued)

Research Data Center, Children's Oncology Group (National Cancer Institute, Director 2000-2001 and Adjunct 2002-

POG as a Research Base for Community Cancer Outreach Programs (National Cancer Institute PI 1993 -97 Co-PI 1997-2001)

University of Florida General Clinical Research Center-Biostatistician 2002-2009

University of Florida Clinical and Translational Research Institute-Co-Director Research and Data Analysis Design Program 2009-

HOBBIES: Duplicate Bridge, Keyboards/Synthesizer/Digital Music Production

BOOKS and BOOK CHAPTERS:

*Handbook of Sample Sizes for Clinical Trials*. Chemical Rubber Company: Boca Raton (1990, 1992).

*Handbook of Statistics in Clinical Oncology*, John Crowley, ed. Marcel Decker, NY, 2<sup>nd</sup> edition (2006, Chapter 13)

*Textbook of Clinical Trials*, D. Machin, S. Day, and S. Green eds., Wiley Publications, West Sussex, UK (2006, Chapter 5, co-author Dr. S. Murphy)

*Topics in Biostatistics*, Walter Ambrosius, Ed., Humana Press, Totowa, NJ (2007, Chapter 12)

PUBLICATIONS, REFEREED STATISTICS JOURNALS: (N=51) (**Relevant to Consulting**)

On the Inverse Gaussian Distribution Function. *JASA* vol. 63, 1968, pp 1514-1516.

A Note on the Borel-Cantelli Problem. *Can. Math. Bull.* vol. 13, 1970, pp 273-276.

Two-way Analysis of Reciprocals (with C. Miura). *Biometrika* vol. 59, 1972, pp 478-481.

A Generalization of the Weak Version of the Glivenko-Cantelli Theorem. *Ann. Math. Statist.* vol. 43, 1972, pp 1010-1011.

A Simple Method of Teaching the Independence of  $\bar{X}$  and  $S^2$ . *Amer. Statistician* vol. 27, 1973, pp 28-29.

Comparison of Failure Rates Using Rank Tests (with M. S. Chikkagoudar). *JASA* vol. 69, 1974, pp 411-413.

Optimal Allocation of Observations for Partitioning a Set of Items into Two Control Groups (with M. Yang). *Biometrika* vol. 61, 1974, pp 191-193.

Exact Tests for Zero Drift Based on First Passage Times in Brownian Motion (with V. Seshadri). *Technometrics* vol. 16, 1974, pp 193-195.

The Validation of a Petition by a Survey Sample. *Comm. in Statistics* vol. 5, 1974, pp 291-296.

A Distribution-Free Approach to Quantal Response Assays (with M. C. K. Yang). *Can. J. of Statist.* vol. 3, 1975, pp 57-70.

PUBLICATIONS, REFEREED STATISTICS JOURNALS: (Continued)

- Two-way Contingency Tables for Complex Sampling Schemes (with D. Downing). *Biometrika* vol. 63, 1976, pp 271-276.
- Quantal Response Assays by Inverse Regression (with F. H. Dietrich). *Comm. in Statist.* vol. 5, 1976, pp 293-305.
- The Precision of an Estimator Due to Ryan. *Comm. in Statist.* vol. 5, 1976, pp 867-874.
- Nonparametric One-Sided Tests in Multivariate Analysis (with J. Boyett). *JASA* vol. 72, 1977, pp 665-668.
- Nonparametric Multiple Comparison Procedures (with J. Boyett). *JASA* vol. 74, 1979, pp 379-382.
- Nonparametric Optimality of the Sample Mean and Sample Variance. *American Statistician* vol. 36, 1982, pp 176-178.
- Interaction Between Prognostic Factors and Treatment (with J. van Eys). *Controlled Clinical Trials* vol. 4, 1983, pp 209-214.
- Are Uniformly Most Powerful Unbiased Tests Really Best? (with S. Suissa). *American Statistician* vol. 38, 1984, pp 204-206.
- Exact Unconditional Sample Sizes for the 2x2 Binomial Trial (with S. Suissa). *J. Royal Statistical Society* vol. A148, 1985, pp 317-327.
- The Cross-Product Estimator in Matched Case-Control Studies. *Biometrika* vol. 73, 1986, pp 212-216.
- EXACTB and CONF: Exact Unconditional Procedures for Binomial Data. *American Statistician* vol. 42, 1988, pp 234.
- \*\*
- A Statistician in a Reverse Drug Sting. *American Statistician* vol. 45, 1991, pp 123-124 (1/1).
- The 2X2 Matched Pairs Trial: Exact Unconditional Design and Analysis (with S. Suissa). *Biometrics* vol. 47, 1991, pp 361-372 (lead article) (2/2).
- An Automated Patient Registration and Treatment Randomization System for Multicenter Clinical Trials (with J.P. Krischer et al), *Controlled Clinical Trials* vol. 12, 1991, pp 367-377 (7/7).
- Parametric vs Non-parametric Methods for Estimating Cure Rates on Censored Survival Data. (with A. Cantor) *Statistics in Medicine* vol. 11, 1992, pp 931-937 (2/2).
- Exact Unconditional Tables for Significance Testing in the 2x2 Multinomial Trial. *Statistics in Medicine* vol. 11, 1992, pp 913-922 (1/1).
- Fixing the Number of Events in Large Comparative Trials with Low Event Rates: A Binomial Approach. *Controlled Clinical Trials* vol. 14, 1993, pp. 198-208 (1/1).

PUBLICATIONS, REFEREED STATISTICS JOURNALS: (Continued)

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\*\* After 1989, (a/b)=a-th author of a total of b authors

Management of Cytogenetic Data in Multi-Center Leukemia Trials. *Computer Methods and Programs in Biomedicine* vol. 40, 1993, pp. 269-277 (1/9)

Interim Analysis For Randomized Clinical Trials: Simulating The Predictive Distribution of the Logrank Test Statistic. (with M. Chang). *Biometrics*, 1994, vol. 50(3), pp. 827-833 (2/2)

Modeling Cure Rates using the Gompertz model with Covariates. *Statistics in Medicine* , 1998, vol. 17, pp. 831-839. (With P. Gieser et. al.) (4/5)

**Publishing clinical trials and dealing with external comparisons. *Controlled Clinical Trials* , 1998, vol. 19, 269-270 (1/1)**

Group sequential designs for phase II trials. *Controlled Clinical Trials* , 1999, vol. 20, pp. 353-364 (With M. Chang and J. Kepner) (2/3)

**Dependence in simulation: A case study from the game of contract bridge. *American Statistician*, 2001, vol. 55, pp 306-309. (1/1)**

Minimax two stage designs with applications to tissue banking case-control studies. *Statistics in Medicine*, 2002, vol 21, pp 2479-2493 (1/5)

Optimal Two-Stage Designs for Single Arm Phase II Cancer Trials. *Journal of Biopharmaceutical Statistics*, 2002, vol. 12, pp 39-51. (1/1)

Sample Sizes based on Exact Unconditional Tests for Phase II Clinical Trials with Historical Controls. *Journal of Biopharmaceutical Statistics*, 2004, vol. 14, pp 189-200. (2/3) (with M. Chang and J Kepner).

Design of Group Sequential Trials with Ordinal Categorical Data based on the Mann-Whitney-Wilcoxon Test. *Sequential Analysis* (Wald Centennial Issue), 2004, Vol. 23, pp 413-426. (With M Chang and L. Tian) (1/3)

**Diagnostics for assumptions in moderate to large simple clinical trials: Do they really help? *Statistics in Medicine*, 2005(Aug), vol 24, pp 2431-2438 (1/1) (Lead article)**

**A two-player coin game paradox in the classroom. *American Statistician*, 2006(Feb), vol 60, pp 68-70. (1/1)**

Interrupted time series was accurate in showing improvement in medication errors. *Journal of Clinical Epidemiology*, 2006 Sep;59(9):957-963 (With A. Winterstein) (1/2)

Design alternatives for four team double elimination tournaments. *The Mathematical Scientist*, 2006, Dec; 31, 95-106. (with S. Wu and A. Sun) (1/3)

Fixed vs. random effects meta-analysis in rare event studies: The Rosiglitazone link with myocardial infarction and cardiac death. *Statistics in Medicine*, 2007 Oct; 26: 4375-4385. (With L. Jones and D. Salmon) (1/3)

**Second guessing clinical trial designs. *Sequential Analysis*. 2008, January; 27:2-20 (With M Chang) (1/2) (Respones to Discussants pp 50-57)**

PUBLICATIONS, REFEREED STATISTICS JOURNALS: (Continued)

How conservative is Fisher's exact test? A quantitative evaluation of the two-sample comparative binomial trial. *Statistics in Medicine*, 2008; 27: 3598-3611. (With G Crans) (2/2)

Applying Hodges-Lehmann Scale Parameter Estimates to Hospital Discharge Times. In Press *Clinical Trials*, 2008 Dec; vol 5, pp 631-634. (With D. Theriaque and B. Ifeld) (1/3)

**Student T-tests for potentially abnormal data. *Statistics in Medicine*, 2009; 28: 2170-2184. (1/1)**

Discussion on "A Hybrid Selection and Testing Procedure with Curtailment for Comparative Clinical Trials" *Sequential Analysis*. 2009; 28(1):34-37 (1/1)

**Empirical vs natural weighting in random effects meta-analysis. *Statistics in Medicine*, 2010; 29 (May): 1259-1265.**

**Reply to Discussion of "Empirical vs. natural weighting in random effects meta-analysis" *Statistics in Medicine*, 2010; 29: 1272-1281. (1/4)**

Review: Cochrane handbook for systematic reviews for interventions. *Research Synthesis Methods*, 2011; 2: 126-130. Peer reviewed book review with some new methodology. (1/1)

Improved Two-Stage Tests for Stratified Phase II Cancer Clinical Trials, *Statistics in Medicine*, 2011. In Press with M.Chang and W. Hou (2/3).

JOINT PUBLICATIONS, REFEREED MEDICAL JOURNALS:(N=281)  
(Relevant to Collaborative research)

If I Can't Measure It, What Do I Do With It? (with H. Kaufman). *Investigative Ophthalmology* vol. 13, 1974, pp 412-413.

**Statistical Review Process: Recommended Procedures for Biomedical Research Articles. *J. Amer. Med. Assoc.* vol. 235, 1976, pp 534-535.**

Joint Contracture - Common Manifestation of Childhood Diabetes Mellitus (with A. Grgic, A. Rosenbloom, F. Weber, B. Giordano, and J. Majone). *J. Pediatrics* vol. 88, 1976, pp 584-588.

Human Leukocyte Interferon for the Prevention of Recurrences of Herpetic Keratitis (with H. Kaufman, R. Meyer, P. Laibson, S. Waltman, and A. Nesburn). *J. Infectious Diseases* vol. 133, 1976, pp A165-168.

Neuropsychological Effects of Continuous Oxygen Therapy in the Aged (with H. Krop, A. Block, E. Cohen, and R. Croucher). *Chest* vol. 72, 1977, pp 737-743.

Occupational Therapy Sequential Client Care Recording System: A Comparative Study (with L. Llorens). *Amer. J. Occupational Therapy* vol. 31, 1977, pp 367-371.

Susceptibility of the Anaerobic Bacteria, Group D Streptococci, Enterobacteriaceae, and Pseudomonas to Semisynthetic Penicillins: Carbenicillin, Piperacillin, and Ticarcillin (with G. Monif, P. Clark and H. Baer). *Antimicrobial Agents and Chemotherapy* vol. 14, 1978, pp 643-649.

The Effectiveness of Laboratory vs. Written Examinations in an Anatomy Course (with A. Gill and N. Marmo). *Amer. J. Occupational Therapy* vol. 32, 1978, pp 26-30.

Comparison of Three Positions for Evaluation of the Asymmetrical Tonic Neck Reflex (with K. Sieg). *Amer. J. Occupational Therapy* vol. 33, 1979, pp 311-316.

An Evaluation of the Accuracy of Community-Based Perimetry (with J. Trobe, P. Acosta, and J. Krischer). *Amer. J. Ophthalmology* vol. 90, 1980, pp 654-660.

Statistical Analysis of the Rate of Recurrence of Herpes Virus Ocular Epithelial Disease (with H. Kaufman and A. Nesburn). *Amer. J. Ophthalmology* vol. 91, 1981, pp 328-331.

Effects of Nutrition on Length of Stay and Survival for Burned Patients (with H. Bingham, J. Krischer and I. Engelman). *Burns* vol. 7, 1981, pp 252-257.

A Testing of Principles for Severity Index Construction With Application to Burn Injuries (with J. Krischer, H. Bingham, and R. Melker). *Burns* vol. 8, 1981, pp 1-5.

Diagnostic Strategies in the Management of Unexplained Visual Loss: A Cost Benefit Analysis (with P. Acosta, J. Trobe and J. Krischer). *J. Society for Medical Decision Making* vol. 1, 1981, pp 125-144.

CNS Prophylaxis in Acute Lymphoblastic Leukemia - Comparison of Two Methods (with D. Komp, et al). *Cancer* vol. 50, 1982, pp 1031-1036.

Water Hardness and Urinary Stone Disease (with B. Finlayson, R. Scheaffer, et al). *Journal of Urology* vol. 128, 1982, pp 422-425.



JOINT PUBLICATIONS, REFEREED MEDICAL JOURNALS: (Continued)

HLA and Ophthalmic Disease Associations: A Critical Review and Improved Methods for Statistical Analysis (with C. E. Margo and J. D. Trobe). *ACTA Ophthalmologica* vol. 60, 1982, pp 533-546.

Phase II Study of Four Drug Chemotherapy in Metastatic Neuroblastoma: A Pediatric Oncology Group Study (with V. Land, et al). *Cancer Treatment Reports* vol. 67, 1983, pp 187-188.

Hospital or Population Controls: A Discussion (with B. Cook). *J. Chronic Diseases* vol. 36, 1983, pp 315-316.

High-Dose Methotrexate as Part of Remission Maintenance Therapy for Childhood Acute Lymphocytic Leukemia: A Pediatric Oncology Group Pilot Study (with L. Frankel, et al). *J. of Clinical Oncology* vol. 1, 1983, pp 804-809.

Economic Impact of Urinary Stone Disease (with R. Scheaffer). *Urology* vol. 24, 1984, pp 327-331.

A Well Woman's Health Maintenance Study Comparing Physical Fitness and Group Systems (with A. Gill, et al). *Occupational Therapy Journal of Research* vol. 4, 1984, pp 286-308.

**Ethical Issues in Cooperative Cancer Therapy Trials From a Statistical Viewpoint. I. A General Overview (with J. Krischer and J. Boyett). *Amer. J. of Pediatric Hematology/Oncology* vol. 7, 1985, pp 57-63.**

**Ethical Issues in Cooperative Cancer Therapy Trials From a Statistical Viewpoint. II. Specific Issues (with J. Krischer and J. Boyett). *Amer. J. of Pediatric Hematology/Oncology* vol. 7, 1985, pp 64-70.**

Primary Liquid Intake and Urinary Stone Disease (with B. Finlayson and R. Scheaffer, et al). *J. Chronic Dis.* vol. 38, 1985, pp 907-914.

An Analysis of the Presence of F<sub>c</sub> Receptors on Bone Marrow Lymphoblasts in Acute Lymphoblastic Leukemia (with G. B. Humphrey, et al). *Cancer* vol. 56, 1985, pp 1995-2000.

The Influence of Skeletal Implants on Incidence of Infection (with W. Petty, et al). *J. of Bone and Joint Surgery* vol. 67A, 1985, pp 1236-1244.

The Effect of Adjuvant Chemotherapy on Relapse-Free Survival in Patients With Osteosarcoma of the Extremity (with M. Link, et al). *New Eng. J. Med* vol. 314, 1986, pp 1600-1602.

Effect of Trimethoprim/Sulfamethoxazole Prophylaxis on Outcome of Childhood Lymphocytic Leukemia, A Pediatric Oncology Group Study (with J. van Eys, et al). *Cancer* vol. 59, 1987, pp 19-23.

A Morphologic Study of Childhood Lymphoma of the Small Noncleaved Type: The Pediatric Oncology Group Experience (with D. R. Kelly, et al). *Cancer* vol. 59, 1987, pp 1132-1137.

JOINT PUBLICATIONS, REFEREED MEDICAL JOURNALS: (Continued)

- A Morphologic Study of Childhood Lymphoma of the Diffuse "Histiocytic" Type: The Pediatric Oncology Group Experience (with B. N. Nathwani, et al). *Cancer* vol. 59, 1987, pp 1137-1142.
- A Morphologic Study of Childhood Lymphoma of the Lymphoblastic Type: The Pediatric Oncology Group Experience (with R. C. Griffith, et al). *Cancer* vol. 59, 1987, pp 1126-1131.
- Lymphoblastic Lymphoma in Children: A Randomized Trial Comparing LSA<sub>2</sub>L<sub>2</sub> With the A-COP+ Therapeutic Regime (with E. Hvizdala, et al). *J. Clin. Oncol* vol. 6, 1987, pp 26-33.
- Diabetologists' Judgments of Diabetic Control: Reliability and Mathematical Simulation (with M. Spevack, et al). *Diabetes Care* vol. 10, 1987, pp 217-224.
- Prevention of Infection After Total Joint Replacement (with W. Petty, et al). *J. Bone and Joint Surgery* vol. 70-A, 1988, pp 536-539.
- Localized Neuroblastoma Treated by Surgery: A Pediatric Oncology Group Study (with R. Nitschke, et al). *J. Clinical Oncology* vol. 6, 1988, pp 1271-1279.
- Preclinical Training in Bronchoscopic Diagnosis of Cancer (with J. Rayl and J. Pitman). *Chest* vol. 93, 1988, pp 824-827.
- Clinical Features and Outcome in Childhood T-Cell Leukemia-Lymphoma According to Stage of Thymocyte Differentiation (with W. Crist, et al). *Blood* vol. 72, 1989, pp 1891-1897.
- A Comparison of Two Regimens for High-Risk Acute Lymphocytic Leukemia in Childhood. A Pediatric Oncology Group Study (with J. van Eys, et al). *Cancer* vol. 63, 1989, pp 23-29.
- Treatment Intensity and Outcome for Children with Acute Lymphocytic Leukemia of Standard Risk. A Pediatric Oncology Group Study (with J. van Eys, et al). *Cancer* vol. 63, 1989, pp 1466-1471.
- Intermediate Dose Intravenous Methotrexate and Mercaptopurine Therapy for Non-T, Non-B Acute Lymphocytic Leukemia of Childhood: A Pediatric Oncology Group Study (with B. Camitta, et al). *Journal of Clinical Oncology* vol. 7, 1989, 1539-1544.
- The Impact of Stage and Treatment Modality on the Likelihood of Second Malignancies and Hematopoietic Disorders in Hodgkin's Disease (with N. Mendenhall, et al). *Radiotherapy Oncology* vol. 14, 1989, pp 219-229.
- Diffuse Small Noncleaved Cell Lymphoma in Children, Burkitt's Versus Non-Burkitt's Types. Results from the Pediatric Oncology Group and St. Jude Children's Research Hospital (with R. E. Hutchinson, et al). *Cancer* vol. 64, 1989, pp 23-28.
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- Clinical and Biological Heterogeneity of Childhood B-Cell Acute Lymphocytic Leukemia: Implications for Clinical Trials (with M. Sullivan, et al.). *Leukemia* vol. 4, 1990, pp 6-11 (9/10).

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\*\* After 1989, (a/b)=a-th author of a total of b authors.

JOINT PUBLICATIONS, REFEREED MEDICAL JOURNALS: (Continued)\*\*

- Prognostic Factors in Childhood T-Cell Acute Lymphoblastic Leukemia: A Pediatric Oncology Group Study (with J. Falletta, et al). *Blood* vol. 75, 1990, pp 166-173. [*Hematology Digest* published abstract as "outstanding in its field".] (1/8).
- The Effect of Local Extent of the Tumor on Prognosis in Osteosarcoma (with S. Spanier, R.A. Vander Griend). *The Journal of Bone and Joint Surgery* vol. 72A, 1990, pp 643-653 (2/3).
- Prospective Randomized Comparison of 5-Fluorouracil versus 5-Fluorouracil and High Dose Leucovorin Calcium for the Treatment of Advanced Colorectal Cancer in Patients Previously Unexposed to Chemotherapy (with J. Doroshow, et al). *Journal of Clinical Oncology* vol. 8, 1990, pp 491-501 (12/13).
- Philadelphia Chromosome Positive Childhood Acute Lymphoblastic Leukemia: Clinical and Cytogenetic Characteristics and Treatment Outcome. A Pediatric Oncology Group Study (with W. Crist, et al). *Blood* vol. 76, 1990, pp 489-494 (3/14).
- Poor Prognosis of Children with Pre-B Acute Lymphoblastic Leukemia is Associated with the t(1;19)(q23;p13). A Pediatric Oncology Group Study (with W. Crist, et al). *Blood* vol. 76, 1990, pp 117-122 (3/11).
- Results of Treatment of Childhood Localized Non-Hodgkin's Lymphoma with Combination Chemotherapy with or without Radiotherapy (with M. Link, et al). *New England Journal of Medicine* vol. 322, 1990, pp 1169-1174(lead article) (5/6).
- Clinical Presentation, Karyotypic Characterization, and Treatment Outcome of Childhood Acute Lymphoblastic Leukemia With a Near-Haploid or Hypodiploid <45 Line (with C. Pui, et al). *Blood* vol. 75, 1990, pp 1170-1177 (6/11).
- Accumulation of Methotrexate and Methotrexate Polyglutamates in Lymphoblasts at Diagnosis of Childhood Acute Lymphoblastic Leukemia: A Pilot Prognostic Factor Analysis (with M. Whitehead, et al). *Blood* vol. 76, 1990, pp 44-49 (4/6).
- Prognostic Significance of CD34 Expression in Childhood B-Precursor Acute Lymphocytic Leukemia: A Pediatric Oncology Group Study (with M. Borowitz, et al). *J. Clinical Oncology* vol. 8, 1990, pp 1389-1398 (2/9).
- Near-Triploid and Near-Tetraploid Acute Lymphoblastic Leukemia of Childhood (with C. Pui, et al). *Blood* vol. 76, 1990, pp 590-596 (4/13).
- Adjuvant Chemotherapy of High Grade Osteosarcoma of the Extremity: Updated Results of the Multi-Institutional Osteosarcoma Study (with M. Link et al). *Clinical Orthopaedics* vol. 270, 1991, pp 8-14 (8/8).
- Remission Induction and Continuation Therapy in Children with their First Relapse of Acute Lymphoid Leukemia (with S. Culbert, et al). *Cancer* vol. 67, 1991, pp 37-42 (2/9).
- Clinical Characteristics and Treatment Outcome of Childhood Acute Lymphoblastic Leukemia With the t(4;11)(q21;23): A Collaborative Study of 40 Cases (with C. Pui, et al). *Blood* vol. 77, 1991, pp 440-447 (5/12).

JOINT PUBLICATIONS, REFEREED MEDICAL JOURNALS: (Continued)\*\*

- A Pilot Study of Intermediate-Dose Methotrexate and Cytosine Arabinoside, "Spread-Out" or "Up-Front," in Continuation Therapy for Childhood Non-T, Non-B Acute Lymphoblastic Leukemia: A Pediatric Oncology Group Study (with R. Krance, et al). *Cancer* vol. 67, 1991, pp 550-556 (6/9).
- High-Dose Chemoradiotherapy Supported by Marrow Infusions for Advanced Neuroblastoma: A Pediatric Oncology Group Study (with J. Graham-Pole, et al). *Journal of Clinical Oncology* vol. 9, 1991, pp 152-158 (10/13).
- Philadelphia Chromosome and Monosomy 7 in Childhood Acute Lymphoblastic Leukemia: A Pediatric Oncology Group Study (with C. Russo, et al). *Blood* vol. 77, 1991, pp 1050-1056 (8/12).
- Laboratory Correlates and Prognostic Significance of Granular Acute Lymphoblastic Leukemia in Children: A Pediatric Oncology Group Study (with Cerezo, et al). *American Journal of Clinical Pathology* vol. 95, 1991, pp 526-531 (2/8).
- Clinical Relevance of Tumor Cell Ploidy and N-myc Gene Amplification in Childhood Neuroblastoma: A Pediatric Oncology Group Study (with Look, et al). *Journal of Clinical Oncology* vol. 9, 1991, pp 581-591 (3/8).
- Changing Pattern of Pulmonary Metastases with Adjuvant Chemotherapy in Patients with Osteosarcoma: Results from the Multi-institutional Osteosarcoma Study (with Goorin, et al). *Journal of Clinical Oncology* vol. 9, 1991, pp 600-605 (2/6).
- Radiotherapy Improves the Outlook for Patients Older than One Year with POG Stage C Neuroblastoma (with R. Castleberry, et al). *Journal of Clinical Oncology* vol. 9, 1991, pp 789-795 (3/9).
- Post-operative Treatment of Non-metastatic Visible Residual Neuroblastoma: A Pediatric Oncology Group Study (with R. Nitschke, et al). *Journal of Clinical Oncology* vol. 9, 1991, pp 1181-1188 (5/8).
- The Prognostic Significance of Autologous Bone Marrow Transplant in Advanced Neuroblastoma (with McWilliams, et al). *Journal of Clinical Oncology*, vol. 9, 1991, pp 1045-1049 (1/9).
- Non-lymphoblastic Lymphoma in Children: Histology and Stage-Related Response to Therapy: A Pediatric Oncology Group Study (with Hvizdala, et al). *Journal of Clinical Oncology* vol. 9, 1991, pp 1189-1195 (6/8).
- Clinical Characteristics and Treatment Outcome of Children with Acute Lymphocytic Leukemia and Down's Syndrome: A Pediatric Oncology Group Study (with Ragab, et al). *Cancer* vol. 67, 1991, pp 1057-1063 (2/9).
- High-Dose Cyclophosphamide-High-Dose Methotrexate with Coordinated Intrathecal Therapy for Advanced Non-Lymphoblastic Lymphoma of Childhood: Results of A Pediatric Oncology Group Study (with M. Sullivan, et al). *American Journal of Pediatric Hematology/ Oncology* vol. 13(3), 1991, pp 288-295 (7/10).

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\*\* After 1989, (a/b)=a-th author of a total of b authors.

JOINT PUBLICATIONS, REFEREED MEDICAL JOURNALS: (Continued)\*\*

- Lower Incidence of Meningeal Leukemia When Prednisone is Replaced by Dexamethasone in the Treatment of Acute Lymphocytic Leukemia (with A. Freeman, et al). *Medical and Pediatric Oncology* vol. 19, 1991, pp 269-275 (3/27).
- A Population Based Study of Neuroblastoma incidence, survival, and mortality in North America (with M. Bernstein, W. Woods, et al). *Journal of Clinical Oncology* vol. 10, 1992, pp 323-329 (6/14).
- Recommendations for Modification of Terminology of Neuroblastic Tumors and Prognostic Significance of Shimada Classification: A Clinicopathologic Study of 213 Cases from the Pediatric Oncology Group. (with V. Joshi, et al). *Cancer* vol. 69, 1992, pp 2183-2196 (6/9).
- Age-Linked Prognostic Categorization Based on A New Histologic Grading System of Neuroblastomas: A Clinicopathologic Study of 211 Cases from the Pediatric Oncology Group (with V. Joshi, et al). *Cancer* vol. 69, 1992, pp 2197-2211 (6/13).
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