Date of Document: March 29, 2024

CURRICULUM VITAE

Brent R. Logan PhD

Director, Professor
Department of Institute for Health and Equity
Division of Biostatistics

OFFICE ADDRESS:
Health Research Center
8701 Watertown Plank Rd
Milwaukee, WI 53226

EDUCATION:
08/1992 - 05/1996 B.S., Vanderbilt University, Nashville, TN
09/1996 - 06/1998 M.S., Northwestern University, Evanston, IL
06/1998 - 06/2001 Ph.D., Northwestern University, Evanston, IL

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:
09/1996 - 06/1997 Fellowship, Department of Statistics, Northwestern University, Evanston, IL

FACULTY APPOINTMENTS:
09/1999 - 06/2001 Lecturer, Department of Statistics, Northwestern University, Evanston, IL
01/2001 - 05/2001 Lecturer,, Department of Mathematics and Computer Science, Loyola University, Chicago, IL
08/2001 - 06/2006 Assistant Professor, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI 53226
08/2001 - 06/2006 Adjunct Assistant Professor, Department of Mathematics, University of Wisconsin-Milwaukee, Milwaukee, WI
07/2006 - 06/2011 Associate Professor,, Institute for Health & Equity, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI 53226
07/2006 - 06/2011 Adjunct Associate Professor, Department of Mathematics, University of Wisconsin-Milwaukee, Milwaukee, WI
07/2011 - Present Professor,, Institute for Health & Equity, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI 53226
07/2011 - Present Adjunct Professor, Department of Mathematics, University of Wisconsin-Milwaukee, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:
04/2015 - Present Division Director, Institute for Health & Equity, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI 53226

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:
07/2002 - 05/2009 Course Administrator, Institute for Health & Equity, Masters of Public Health, Medical College of Wisconsin, Milwaukee, WI 53226

AWARDS AND HONORS:
08/1992 - 05/1996 Dean's Honor Scholarship, Vanderbilt University, Nashville, TN
05/1995 - Present Phi Beta Kappa
09/1996 - 06/1997 Fellowship, Department of Statistics, Northwestern University, Evanston, IL

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

01/2000 - Present American Statistical Association
01/2000 - Present International Biometric Society
01/2002 - Present Society for Clinical Trails

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review
- Biometrical Journal
- Statistics in Medicine
- Intl Journal of Pharmaceutical Medicine
- Journal of the American Statistical Association
- Communications in Statistics-Theory and Methods
- Bone Marrow Transplantation
- Biometrics
- Biometrika
- Multivariate Behavioral Research
- Signal Processing
- Clinical Trails
- Journal of Statistical Computation and Simulation

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

09/2003 - 06/2009 MCW Liaison, Milwaukee Chapter of the American Statistical Association

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

08/2001 - Present Statistician, Data Coordinating Center of the Blood and Marrow Transplant Clinical Trails Network
09/2002 - Present Statistical Consultant, National Marrow Donor Program
09/2004 - Present Statistician, Donor Health and Services Working Committee, Center forInternational Blood and Marrow Transplant Research (CIBMTR)
09/2004 - 02/2009 Statistician, Autoimmune Diseases Working Committee, Center for International Blood and Marrow Transplant Research (CIBMTR)
09/2004 - 02/2009 Statistician, Solid Tumor Working Committee, Center for International Blood and Marrow Transplant Research (CIBMTR)
09/2006 - Present Statistician, Regimen-Related Toxicity Working Committee, Center for International Blood and Marrow Transplant Research (CIBMTR)
09/2006 - Present Statistician, Resources for Clinical Investigations in Blood and Marrow Transplantation (RCIBMT)
03/2010 - 12/2013 Member, Oncologic Drug Advisory Committee, Food and Drug Administration
01/01/2019 - 12/31/2021 Member, Visiting Committee, Scientific Registry of Transplant Recipients (SRTR)

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	BMT Clinical Research Network Data Coordinating Center
Source:	NIH
Role:	Statistician
PI:	Horowitz
Dates:	09/30/2001 - 06/30/2022
Direct Funds:	$7,783,382
Title:	Stem Cell Therapeutic Outcomes Database
Source:	HRSA
Role:	Statistician
PI:	Rizzo
Dates:	09/27/2006 - 09/30/2022

Direct Funds:	$3,552,921
Title:	Primary Immune Deficiency Disease Treatment Consortium
Source:	NIH/University of California-San Francisco
Role:	Statistician/ Site PI
PI:	Puck
Dates:	09/01/2009 - 08/30/2023
Direct Funds:	$883,828
Title:	Randomized study of low versus moderate dose busulfan in transplant for severe combined immunodeficiency
Source:	NIH
Role:	Statistician
PI:	Pulsipher
Dates:	2017 - 2024
Direct Funds:	$1,496,945
Title:	Inhibition of oral tumorigenesis by antitumor B
Source:	NIH/NCI
Role:	Statistician
PI:	You
Dates:	2017 - 2021
Direct Funds:	$2,247,454
Title:	A data resource for analyzing blood and marrow transplants
Source:	NIH
Role:	Statistician
PI:	Shaw
Dates:	02/2018 - 01/2023
Direct Funds:	$4,471,620
Title:	Immuno-oncology translation network: Cellular immunotherapy data resource (CIDR)
Source:	NIH
Role:	Statistician
PI:	Pasquini
Dates:	2019 - 2023
Direct Funds:	$8,657,691
Title:	Quantitative (Perfusion and Diffusion) MRI Biomarkers to Measure Glioma Response
Source:	NIH
Role:	Statistician
PI:	Schmainda
Dates:	2020 - 2024
Direct Funds:	$498,568
Title:	Estimation of causal treatment effects in hematologic oncology (HO) trials in the presence of multiple subsequent

	therapies
Source:	HHS/FDA
Role:	PI
PI:	Logan
Dates:	09/14/2021 - 09/13/2022
Direct Funds:	$100,000
Title:	Commensurate prior models accommodating historical controls for clinical trials with matched and/or interval-censored data
Source:	HHS/FDA
Role:	Co-investigator
PI:	Ahn
Dates:	09/30/2021 - 09/29/2023
Direct Funds:	$200,000
Title:	Machine Learning to identify Biomarkers for Risk of Chronic Graft-Versus-Host Disease
Source:	NIH/NCI
Role:	PI
PI:	Paczesny/Logan
Dates:	2021 - 2026
Direct Funds:	$506,770

Prior

Peer Review

Title:	Enhanced Upper Limb Motor Control by Reduced Synergistic Muscle Patterns and Spasticity after Chemodenervation
Source:	NIDRR
Role:	Statistician
PI:	McGuire
Dates:	07/01/2002 - 06/30/2005
Direct Funds:	$113,907
Title:	National Marrow Donor Program Service Agreement #16558
Source:	NMDP
Role:	Statistician/ PI
PI:	Logan
Dates:	09/01/2002 - 09/30/2015
Direct Funds:	$67,208
Title:	Statistical Methods for Comparing Several Treatment Groups in Survival Analysis
Source:	American Cancer Society/ Medical College of Wisconsin Cancer Center
Role:	PI
PI:	Logan
Dates:	01/01/2003 - 12/31/2003
Direct Funds:	$20,000
Title:	Development of Skin Cancer Quality of

	Life Instrument
Source:	NIH
Role:	Statistician
PI:	Rhee
Dates:	05/01/2004 - 04/30/2006
Direct Funds:	$136,000
Title:	Effect of a Pain Protocol on Discomfort in Dementia
Source:	NIH/ University of Wisconsin-Milwaukee
Role:	Statistician
PI:	Kovach
Dates:	07/01/2007 - 11/30/2011
Direct Funds:	$10,846
Title:	Techniques for Modeling Complet Longitudinal Studies
Source:	NIH/NCI
Role:	Co-Investigator
PI:	Klein
Dates:	09/17/2007 - 07/31/2011
Direct Funds:	$185,109
Title:	HSC Donor Safety and Quality of Life
Source:	NIH/ University of Utah
Role:	Statistician
PI:	Pulsipher
Dates:	12/01/2008 - 11/30/2013
Direct Funds:	$26,596
Title:	Dose Finding Study of Busulfan for Newly Diagnosed Infants with SCID
Source:	NIH/ Boston Children's Hospital
Role:	Statistician/ Site PI
PI:	Pai
Dates:	05/01/2014 - 04/30/2015
Direct Funds:	$156,942
Title:	KIR-Favorable Haploidentical Transplantation in Children
Source:	NIH/ St. Jude Children's Hospital
Role:	Statistician/ Site PI
PI:	Leung
Dates:	07/01/2014 - 06/30/2019
Direct Funds:	$258,414
Title:	Ensemble prediction models for personalized therapy
Source:	Advancing a Healthier Wisconsin-Research and Education Program
Role:	PI
PI:	Logan
Dates:	07/01/2015 - 06/30/2017
Direct Funds:	$98,825
Title:	Discontinuation of Immunosuppression

	(DISCIS) study
Source:	NIH
Role:	PI
PI:	Logan
Dates:	07/15/2015 - 12/30/2017
Direct Funds:	$131,776
Title:	Estimation of treatment effect in hematologic oncology (HO) trials in the presence of subsequent therapies
Source:	FDA
Role:	PI
PI:	Logan
Dates:	09/16/2019 - 03/15/2021
Direct Funds:	$99,999

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

*Logan BR and Tamhane AC, "Multiple Test Procedures for Identifying the Minimum Effective and Maximum Safe Doses of a Drug", Division of Biostatistics Seminar Series, Medical College of Wisconsin, Milwaukee, Wisconsin, - 12/2000

*Logan BR and Tamhane AC, "Multiple Test Procedures for Identifying the Minimum Effective and Maximum Safe Doses of a Drug", Department of Mathematics Seminar Series, Illinois State University, Bloomington-Normal, Illinois, - 12/2000

*Logan BR and Tamhane AC, "Multiple Test Procedures for Identifying the Minimum Effective and Maximum Safe Doses of a Drug", Division of Biostatistics Seminar Series, Tulane University, New Orleans, Louisiana, - 12/2000

*Logan BR, Zhang, MJ, and Wang H, "Pairwise Multiple Comparison Adjustment in Survival Analysis", Division of Biostatistics Seminar Series, Medical College of Wisconsin, Milwaukee, Wisconsin, - 03/2004

*Logan BR and Geliazkova MP, "An Evolution of Spatial Thresholding Procedures in fMRI Analysis", Department of Mathematics, Statistics and Computer Science Seminar Series, Marquette University, Milwaukee, Wisconsin, - 04/2006

*Logan BR, Zhang MJ, and Klein JP, "Marginal Models for Clustered Time to Event Data with Competing Risks Using Pseudo-Values", Department of Biostatistics Seminar Series, University of Wisconsin-Madison, Madison, Wisconsin, - 01/2009

*Logan BR, Zhang MJ, and Klein JP, "Marginal Models for Clustered Time to Event Data with Competing Risks Using Pseudo-Values", Department of Statistics Seminar Series, Northwestern University, Evanston, Illinois, - 11/2010

*Logan BR, "Issues in clinical trials in hematopoietic cell transplantation", Office of Oncological Drug Products, Food and Drug Administration, - 07/2009

*Logan BR, "Multiple Testing Workshop", Milwaukee Chapter of the ASA Fall Meeting, Milwaukee, Wisconsin, - 10/2009

*Logan BR, "Group sequential methods for comparing late differences in survival curves", Office of Oncological Drug Products, Food and Drug Administration, - 09/2010

*Logan BR, Zhang MJ, and Klein JP, "Marginal Models for Clustered Time to Event Data with Competing Risks Using Pseudo-Values", Division of Biostatistics Seminar Series, Medical College of Wisconsin, Milwaukee, Wisconsin, - 02/2009

* Denotes invited talks.

Regional

*Logan BR, Zhang MJ, and Wang H, "Pairwise Multiple Comparison Adjustment in Survival Analysis", Fall meeting of the Northeastern Illinois Chapter, American Statistical Association, Skokie, Illinois, - 10/2003

*Logan BR, Pasquini MC, Nietfeld, JJ, Verter, F, Horowitz MM, "Estimating the Lifetime Likelihood that a Person Might use Their Umbilical Cord Blood if it is Stored at Birth", Conference on Teaching

Elementary Statistics, Medical College of Wisconsin, Milwaukee, Wisconsin

*Logan BR, "Pseudovalue Regression Models for Time to Event Data", Fall Meeting of the Northwestern Illinois Chapter, American Statistical Association, Skokie, Illinois, - 10/2012

National

*Logan, BR and Tamhane AC, "Multiple Test Procedures for Identifying the Minimum Effective and Maximum Safe Doses of a Drug", 6th Great Lakes Symposium on Applied Statistics, Kalamazoo, Michigan, - 10/2000

*Logan BR and Rowe DB, "Thresholding Methods in FMRI Analysis Using the False Discovery Rate: An Investigation into the Impact of Spatial Correlation", 2003 Human Brain Mapping Conference, New York City, New York, - 06/2003

Logan BR, Zhang MJ, and Wang H, "Pairwise Multiple Comparison Adjustment in Survival Analysis", 2003 Joint Statistical Meetings, San Francisco, California, - 08/2003

Logan, BR, Geliazkova, M. "Measuring the size of a region of activation in fMRI analysis, " 2005 Joint Statistical Meetings, Minneapolis

*Logan BR, "Getting the most out of journal articles", 2005 NMDP Council Meeting, Minneapolis, Minnesota, - 11/2005

*Logan BR and Majhail N, "Getting the most out of your journal articles", 2007 NMDP Council Meeting, Minneapolis, Minnesota, - 11/2007

*Logan BR, "Phase II and III Study Designs for aGVHD", Workshop on Clinical Trial Endpoints for Acute Graft-vs-Host Disease after Allogeneic Hematopoietic Stem Cell Transplantation, Washington, DC, - 05/2009

Logan BR and Geliazkova M, "Measuring the Size of a Region of Activation in fMRI Analysis", 2005 Joint Statistical Meetings, Minneapolis, Minnesota, - 08/2005

Logan BR, "Understanding Biomedical Statistics", American Association of Blood Banks, Webinar, - 04/2014

Logan BR and Ahn KW, "Marginal Models for Restricted Mean Survival with Clustered Time to Event Data Using Pseudo-Values", 2015 ENAR Biometrics Meeting, Miami, Florida, - 03/2015

Logan BR, "A Conditional Error Rate Approach to Adaptive Enrichment Trial Designs", 2013 ENAR Biometrics Meeting, Orlando, Florida, - 04/2013

International

Logan BR and Tamhane, AC "Combining global and marginal tests to compare two treatments on multiple endpoints", International Conference on Multiple Comparison Procedures, Berlin, Germany, - 06/2000

Logan BR, "Generalized Linear Mixed Models for Correlated Time to Event Data Using Pseudo-Values", International Conference on Survival Analysis in Memory of John P. Klein, Milwaukee, Wisconsin, - 06/2014

*Logan BR, "Statistical Issues in Clinical Trials", 2002 Tandem BMT Meetings, Orlando, Florida, - 02/2002

*Logan Br, "Statistical Issues in Clinical Trials", 2003 Tandem BMT Meetings, Keystone, Colorado, - 01/2003

*Logan BR, "Biological Assignment Trials in Bone Marrow Transplantation", 2003 Tandem BMT Meetings, Keystone, Colorado, - 01/2003

*Logan BR, "Clinical Research. Methodology Workshop: Design, Development, Analysis and Interpretation of Studies with Focus on Transplantation", 10th Brazilian Congress on Bone Marrow Transplantation, Curitiba, Brazil, - 08/2006

*Logan BR, "Thresholding and the Multiple Testing Problem", Human Brain Mapping Conference, Chicago, Illinois, - 06/2007

Logan BR, Geliazkova MP, Laud PW, "A Bayesian Spatial Mixture Model for fMRI Data", International Conference on Multiple Comparison Procedures, Vienna, Austria, - 07/2007

*Logan BR, "ASBMT Clinical Research Training Course.", Faculty participant and presenter, Keystone, Colorado, - 07/2007

*Logan BR, "ASBMT Clinical Research Training Course", Faculty participant and presenter, Keystone, Colorado, - 07/2008

*Logan BR, "Beyond the standard phase II clinical trial", 2009 Tandem BMT Meetings, Tampa Bay, Florida, - 02/2009

*Logan BR, "ASBMT Clinical Research Training Course", Faculty participant and presenter, Keystone, Colorado, - 07/2009

*Logan BR, "Statistical Design of Clinical Trials: How best to answer your question", 2010 Tandem BMT Meetings, Orlando, Florida, - 02/2010

*Logan BR, "Cox proportional hazards model using SAS", Short Course, 2010 Tandem BMT Meetings, Orlando, Florida, - 02/2010

*Logan BR, "ASBMT Clinical Research Training Course", Faculty participant and presenter, Keystone, Colorado, - 07/2010

*Logan BR, "Overview of bias in observational studies using registry databases" 2011 EBMT Meetings, 2011 EBMT Meetings, Paris, France, - 04/2011

Logan BR, "Long-term survival comparisons with covariate adjustment using a registry database", 2011 International Society for Clinical Biostatistics, Ottawa, California, - 08/2011

Logan BR, "Adaptive Designs in Clinical Trails", 2014 Tandem BMT Meetings, Grapevine, Texas, - 02/2014

*Logan BR, Brazauskas R, Fraser R, "Randomized Phase II Trails vs. Single Arm Phase II Trails with a Registry Control in Rare Diseases", International Chinese Statistical Association Meeting, - 06/2017

Logan BR, "Multi-State Models in BMT", 2013 Tandem BMT Meetings, Salt Lake City, Utah, - 02/2013

Logan BR, "Issues in Design and Analysis of Non-Inferiority Studies", 2012 DIA Meeting, Philadelphia, Pennsylvania, - 06/2012

Logan BR, "A cone order monotone test for the one-sided multiple endpoint problem", International Conference on Multiple Comparison Procedures, Washington D.C., - 06/2002

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

National

Tallman M, Dewald G, Lazarus H, Gandham S, Nelson G, Logan BR, et al., Impact of Cytogenetics on Outcome of Mismatched Unrelated Donor Hematopoietic Stem Cell Transplantation for Adults with AML., Oral Presentation at American Society of Hematologists Meeting, - 12/2004

COMMITTEE SERVICE:

Medical College of Wisconsin

09/2001 - 09/2004 Member, Data Safety Monitoring Council, Medical College of Wisconsin

09/2001 - 08/2003 Member, Graduate Studies Council, Medical College of Wisconsin

07/2002 - 05/2009 Chair, MPH Committee, Division of Biostatistics, Medical College of Wisconsin

09/2002 - 08/2003 Seminar Chair, Division of Biostatistics, Medical College of Wisconsin

01/2003 - Present Member, Pediatric Data Safety Monitoring Board, Medical College of Wisconsin

08/2005 - 05/2008 Member, Graduate Studies Council, Medical College of Wisconsin

08/2005 - 05/2008 Chair, Newsletter Committee, Division of Biostatistics, Medical College of Wisconsin

01/2007 - 06/2010 MCW Faculty, Council Representative, Department of Population Health, Medical College of Wisconsin

09/2007 - 06/2010 Member, Nominating Committee, Graduate Studies Council, Medical College of Wisconsin

01/2018 - 04/2022 Member, Scientific Review Committee, Cancer Center, Medical College of Wisconsin

MEDICAL COLLEGE TEACHING ACTIVITIES:

Graduate Student Education

09/2001 - 05/2002 Statistical Models and Methods I/II

07/2002 - 05/2009 Master of Public Health, Biostatistics

09/2002 - 12/2002 Statistical Models and Methods I

09/2003 - 05/2007 Readings and Research, Maya Geliazkova

09/2003 - 12/2003 Advanced Statistics

06/2004 - 08/2005 Readings and Research, Xiaolin Fan

09/2004 - 12/2004 Readings and Research, Grace Zhang

01/2005 - 05/2005 Advanced Statistical Computing

09/2005 - 12/2005 Advanced Statistics

09/2006 - 12/2006 Clinical Trails **Denotes courses which were identified by the Course of Evaluation Committee of the Graduate School as being one of the outstanding courses offered by the Graduate School

09/2007 - 12/2007 Advanced Statistical Computing
01/2009 - 05/2009 Statistical Models and Methods II
01/2009 - 05/2009 Theory of Consulting
06/2009 - Present Readings and Research, Shuyuan Mo
06/2009 - 09/2009 Readings and Research, Franco Mendolia
09/2009 - 12/2009 Clinical Trails **Denotes courses which were identified by the Course Evaluation Committee of the Graduate School as being one of the outstanding courses offered by the Graduate School
01/2010 - 05/2010 Statistical Models and Methods II
06/2010 - 09/2010 Readings and Research, Aaron Katch
01/2012 - 05/2012 Statistical Models and Methods II
09/2012 - 12/2012 Statistical Models and Methods I
09/2013 - 12/2013 Advanced Statistics
01/2015 - 05/2015 Theory of Consulting
09/2015 - 12/2015 Advanced Statistics

EXTRAMURAL TEACHING:

Graduate Student Education

06/2010 - 09/2010 Medical College of Wisconin, Readings and Research, Yanzhi Wang

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Graduate Students

PhD Students Advised

Xiao Li, Medical College of Wisconsin, 2020 - Present
Manoj Khanal, Medical College of Wisconsin, 2020 - 2022
Yanzhi Wang, Medical College of Wisconsin, - 2014
Shuyuan Mo, Medical College of Wisconsin, - 2011
Bonifride Tuyishimire, Medical College of Wisconsin, - 2018
Michael Martens, Medical College of Wisconsin, - 2017

PhD Committees

Jingxia Liu, Medical College of Wisconsin, - 2007
Ying Zhang, Medical College of Wisconsin, - 2016
Yinghua Zhang, Medical College of Wisconsin, - 2007
Natasha Sahr, Medical College of Wisconsin, - 2018
Nick DeVogel, Medical College of Wisconsin, - 2019
Nicole Salowitz, Medical College of Wisconsin, - 2014
Lucy Lu, Medical College of Wisconsin, - 2005
Xiaolin Fan, Medical College of Wisconsin, - 2009
Ruta Bajorunaite, Medical College of Wisconsin, - 2003
Peng He, Medical College of Wisconsin, - 2013
Charley Spanbauer, Medical College of Wisconsin, - 2020

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:

Graduate Students

MS Committees

Michael Weißgerber, - 2005
Angelica Delgado-Rendon, - 2008
Kenneth Yen, - 2005
Chris Meller, - 2004
Sital Bhargava, - 2007
Rachel Bercovitz, - 2015
Jennifer Knight, - 2015
Nevin Uysal, - 2003

Syed Hussain, - 2007

PhD Students Advised

Maya Geliazkova, University of Wisconsin-Milwaukee, - 2007

Clinical/Research Fellows

Arash Babaei, 2013 - 2015

David Gourlay, 2013 - 2015

Sarah Dobroszi, 2015 - 2017

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Student

Revised curriculum and course study guide for Biostatistics course in MPH distance learning program.

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Logan, B.R. and Tamhane, A.C.. Combining global and marginal tests to compare two treatments on multiple endpoints. Biometrical Journal. 43: 591-604, 2001.
2. Tamhane, A.C. and Logan, B.R.. Multiple test procedures for identifying the minimum effective and maximum safe doses of a drug. Journal of the American Statistical Association. 97: 293-301, 2002.
3. Nicolosi AC, West G, Markley JG, **Logan B**, Olinger GN. Gadolinium attenuates regional stunning in the canine heart in vivo. J Thorac Cardiovasc Surg. 2002 Jul;124(1):57-62.
4. Drobyski, W.R., Komorowski, R., Logan, B., Gendelman, M.. Role of the passive apoptotic pathway in graft-versus-host disease. Journal of Immunology. 169: 1626-1633, 2002.
5. Tamhane AC, **Logan BR**. Accurate critical constants for the one-sided approximate likelihood ratio test of a normal mean vector when the covariance matrix is estimated. Biometrics. 2002 Sep;58(3):650-6.
6. Chang CC, Lorek J, Sabath DE, Li Y, Chitambar CR, **Logan B**, Kampalath B, Cleveland RP. Expression of MUM1/IRF4 correlates with clinical outcome in patients with B-cell chronic lymphocytic leukemia. Blood. 2002 Dec 15;100(13):4671-5.
7. Logan, B.R.. A cone order monotone test for the one-sided multivariate testing problem. Statistics and Probability Letters. 63: 315-323, 2003.
8. Chang CC, Kampalath B, Schultz C, Bunyi-Teopengco E, **Logan B**, Eshoa C, Dincer AP, Perkins SL. Expression of p53, c-Myc, or Bcl-6 suggests a poor prognosis in primary central nervous system diffuse large B-cell lymphoma among immunocompetent individuals. Arch Pathol Lab Med. 2003 Feb;127(2):208-12.
9. Chang CC, Bredeson C, Juckett M, **Logan B**, Keever-Taylor CA. Tumor load in patients with follicular lymphoma post stem cell transplantation may correlate with clinical course. Bone Marrow Transplant. 2003 Aug;32(3):287-91.
10. Hurley CK, Baxter Lowe LA, **Logan B**, Karanes C, Anasetti C, Weisdorf D, Confer DL. National Marrow Donor Program HLA-matching guidelines for unrelated marrow transplants. Biol Blood Marrow Transplant. 2003 Oct;9(10):610-5.
11. Logan, B.R. and Tamhane, A.C. . On O'Brien's OLS and GLS tests for multiple endpoints. Recent Developments in Multiple Comparison Procedures, IMS Lecture Notes - Monograph Series . 47:76-88, 2004.
12. Gendelman, M., Hecht, T., Logan, B., Vodanovic-Jankovic, S., Komorowski, R., and Drobyski, W.R. . Host conditioning is a primary determinant in modulating the effect of IL-7 on murine graft-versus-host disease. Journal of Immunology. 172: 3328 – 3336, 2004.
13. Lyon R, Liu XC, Thometz JG, Nelson ER, **Logan B**. Reproducibility of spinal back-contour measurements taken with raster stereography in adolescent idiopathic scoliosis. Am J Orthop (Belle Mead NJ). 2004 Feb;33(2):67-70.
14. Chang CC, McClintock S, Cleveland RP, Trzpuc T, Vesole DH, **Logan B**, Kajdacsy-Balla A, Perkins SL.

Immunohistochemical expression patterns of germinal center and activation B-cell markers correlate with prognosis in diffuse large B-cell lymphoma. Am J Surg Pathol. 2004 Apr;28(4):464-70.
15. **Logan BR**, Rowe DB. An evaluation of thresholding techniques in fMRI analysis. Neuroimage. 2004 May;22(1):95-108.
16. Gendelman M, Halligan N, Komorowski R, **Logan B**, Murphy WJ, Blazar BR, Pritchard KA Jr, Drobyski WR. Alpha phenyl-tert-butyl nitrone (PBN) protects syngeneic marrow transplant recipients from the lethal cytokine syndrome occurring after agonistic CD40 antibody administration. Blood. 2005 Jan 01;105(1):428-31.
17. Tamhane, A.C. and Logan, B.R. . A superiority-equivalence approach to one-sided tests on multiple endpoints in clinical trials. Biometrika. 91: 715-727, 2004.
18. Hari P, **Logan B**, Drobyski WR. Temporal discordance between graft-versus-leukemia and graft-versus-host responses: a strategy for the separation of graft-versus-leukemia/graft-versus-host reactivity? Biol Blood Marrow Transplant. 2004 Nov;10(11):743-7.
19. Lee SJ, Loberiza FR, Antin JH, Kirkpatrick T, Prokop L, Alyea EP, Cutler C, Ho VT, Richardson PG, Schlossman RL, Fisher DC, **Logan B**, Soiffer RJ. Routine screening for psychosocial distress following hematopoietic stem cell transplantation. Bone Marrow Transplant. 2005 Jan;35(1):77-83.
20. Rowe DB, **Logan BR**. A complex way to compute fMRI activation. Neuroimage. 2004 Nov;23(3):1078-92.
21. Tamhane AC, **Logan BR**. Finding the maximum safe dose level for heteroscedastic data. J Biopharm Stat. 2004 Nov;14(4):843-56.
22. Rowe DB, **Logan BR**. Complex fMRI analysis with unrestricted phase is equivalent to a magnitude-only model. Neuroimage. 2005 Jan 15;24(2):603-6.
23. McGregor DK, Keever-Taylor CA, Bredeson C, Schur B, Vesole DH, **Logan B**, Chang CC. The implication of follicular lymphoma patients receiving allogeneic stem cell transplantation from donors carrying t(14;18)-positive cells. Bone Marrow Transplant. 2005 Jun;35(11):1049-54.
24. Shidham GB, Siddiqi N, Beres JA, **Logan B**, Nagaraja HN, Shidham SG, Piering WF. Clinical risk factors associated with bleeding after native kidney biopsy. Nephrology (Carlton). 2005 Jun;10(3):305-10.
25. **Logan BR**, Wang H, Zhang MJ. Pairwise multiple comparison adjustment in survival analysis. Stat Med. 2005 Aug 30;24(16):2509-23.
26. Starsky AJ, Sangani SG, McGuire JR, **Logan B**, Schmit BD. Reliability of biomechanical spasticity measurements at the elbow of people poststroke. Arch Phys Med Rehabil. 2005 Aug;86(8):1648-54.
27. **Logan BR**. Optimal two-stage randomized phase II clinical trials. Clin Trials. 2005;2(1):5-12.
28. **Logan BR**, Zhang MJ, Klein JP. Regression models for hazard rates versus cumulative incidence probabilities in hematopoietic cell transplantation data. Biol Blood Marrow Transplant. 2006 Jan;12(1 Suppl 1):107-12.
29. Kovach CR, **Logan BR**, Noonan PE, Schlidt AM, Smerz J, Simpson M, Wells T. Effects of the Serial Trial Intervention on discomfort and behavior of nursing home residents with dementia. Am J Alzheimers Dis Other Demen. 2006;21(3):147-55.
30. Rhee JS, Matthews BA, Neuburg M, **Logan BR**, Burzynski M, Nattinger AB. Validation of a quality-of-life instrument for patients with nonmelanoma skin cancer. Arch Facial Plast Surg. 2006;8(5):314-8. PMCID: PMC2556600
31. Nicolosi AC, Kwok CS, **Logan B**. Effects of gadolinium on regionally stunned myocardium: temporal considerations. J Surg Res. 2007 May 15;139(2):286-91.
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