

CURRICULUM VITAE

WARREN LEE MAY

EDUCATION:

1985 A.A., General
Pensacola Junior College
Pensacola, FL

1987 B.A., Mathematics (Summa Cum Laude)
The University of West Florida
Pensacola, FL

1990 M.A., Mathematics and Statistics
The University of West Florida
Pensacola, FL

1995 Ph.D., Major: Biometry, Minor: Epidemiology
Louisiana State University Medical Center
New Orleans, LA

CONTINUING EDUCATION:

2003 - Short course in Genetics Analysis at UAB, Birmingham
2005 -Online course in Microarray Data Analysis from Statistics.Com

PROFICIENCIES:

Highly proficient in using most SAS Statistical Procedures
Also proficient in SPSS, PASS, nQuery,
Regular user of Microsoft products including Excel and ACCESS.
Some familiarity with R programming language

AFFILIATIONS AND HONORS:

- Summa Cum Laude Graduate, **UWF**, 1987
- GSA Scholarships-College of Arts and Sciences, **UWF**
- President's List-All semesters at **UWF**
- Outstanding Student Award (1987)-College of Arts and Sciences, **UWF**
- UWF** Honor Student
- Pi Mu Epsilon, National Mathematics Honor Society
- Phi Kappa Phi, National Academic Honor Society
- Member of the Mathematical Association of America
- Member of the American Statistical Association

DISSERTATION TOPIC:

"Strategies for Statistical Analysis Using Generalized Estimating Equations"
Chair: William Johnson, Department of Biometry and Genetics, Louisiana State University Medical Center, April, 1995.

PROFESSIONAL AND WORK EXPERIENCE:

July 2005 – Present

Professor of Biostatistics (tenured)
Department of Preventive Medicine
University of Mississippi Medical Center
Jackson, MS

- Full classroom responsibilities for courses in Biostatistics at the graduate level.
- Course coordinator for M2 Medical students Biostatistics/Epidemiology course at UMMC and membership on curriculum committees and subcommittees for the medical curriculum at UMMC
- Conduct continuing education seminars for practicing residents and physicians
- Research in developing statistical techniques suitable for the analysis of clinical data and subsequent publication in peer-reviewed statistical journals.
- Clinical consulting and statistical analysis for UMMC researchers resulting in publication in peer-reviewed clinical journals
- Statistical consultant and co-investigator for grant applications at UMMC
- Dissertation committee membership for doctoral candidates at UMMC
- Dissertation advisor for graduate students in Preventive Medicine

July 2000 - June 2005

Associate Professor of Biostatistics (tenured)
Department of Preventive Medicine
University of Mississippi Medical Center
Jackson, MS

January 1996-June 2000

Assistant Professor, Department of Preventive Medicine
University of Mississippi Medical Center, Jackson, MS.

August 1995-December 1995

Instructor, Department of Biometry and Statistics
Louisiana State University Medical Center, New Orleans, LA.

- Full classroom responsibilities for courses in biostatistics for nursing students at the graduate and undergraduate levels.
- Research in developing statistical techniques suitable for the analysis of clinical data and publication in peer-reviewed journals.
- Clinical consulting and statistical analysis for LSUMC researchers resulting in publication in clinical journals

1991-August 1995

Graduate Research Assistant
Louisiana State University Medical Center, New Orleans, LA.

- Clinical consulting and statistical analysis for LSUMC physicians
- Joint research with faculty in developing statistical techniques for the analysis of clinical research data with resulting publications in peer-reviewed journals.
- Teaching assistant duties, including conducting tutorials for introductory Biostatistics courses

- 1990-1991 Visiting Assistant Professor
The University of West Florida, Pensacola, FL
 ●Full classroom responsibilities for introductory and survey courses in the Mathematics curriculum. Courses taught included College Algebra, Trigonometry, and Calculus
- 1987-1990 Adjunct Instructor
Pensacola Junior College, Pensacola, FL
 ●Instructed students in general courses, including Algebra, General Mathematics, and Elementary Calculus
- 1988-1990 Graduate Teaching Assistant
The University of West Florida, Pensacola, FL
 ●Full classroom responsibilities for teaching introductory and survey courses in the Mathematics curriculum
 ●Grader for several Calculus based courses including Linear Algebra and Numerical Analysis.
- 1987-1988 Learning Laboratory Assistant
Pensacola Junior College, Pensacola, FL
 ●Provided tutorial assistance to college students from General Mathematics through Differential Equations and Linear Algebra
- 1985-1987 Math Lab Assistant/Tutor
University of West Florida

GRANT PARTICIPATION:

Past funding:

National Heart, Lung and Blood Institute research grant: Jackson Heart Study (ARIC contract modification #27) N01-HC-55021, Funding period: March, 1998 - June, 1999, Amount: \$706,854. Principal Investigator-Daniel W. Jones, M.D., University of Mississippi Medical Center. Role - Co-Investigator.

“Addressing Preventable Medication Use Variance in Mississippi”, Agency for Healthcare Research and Quality (AHRQ), # 1 U18 HS11923-01, Funding start date: October, 2001, Amount: \$3,999,000. Principal Investigator: C. Andrew Brown, M.D., University of Mississippi Medical Center. The major goals of this project are to: (1) identify the causes of preventable health care errors and patient injury in health care delivery; (2) develop, demonstrate, and evaluate strategies for reducing errors and improving patient safety throughout Mississippi; and (3) disseminate the results of the project’s research and the strategies developed throughout the health care industry. [Co-investigator (10% effort)]

"Limbic Dopaminergic System in Depression", National Institute of Mental Health (NIMH). RO1 MH63187. Funding dates: December, 2001 - December, 2005, Funding Amount: \$918,664. Principal Investigator: Violetta Klimek, Department of Psychiatry and Human Behavior. The main objective is to reveal neurochemical abnormalities in dopamine transporter and in dopaminergic receptors in the limbic regions of the brain from subjects with post-mortem diagnoses of major depression in comparison to psychiatrically normal control subjects. [Consultant (5% effort)]

"New Graduate Students' Baseline Knowledge of RCR", Office of Research Integrity (ORI). RO1-NS/NR 44533-01. Funding start date: 10/01/02. Amount: \$175,000. PI: Elizabeth Heitman [Co-investigator (10% effort)]

"Gene Expression in Multiple Myeloma Patients", Mississippi Functional Genomics Network SGO/seed grant. Amount: \$30,000. PI: Margot Kaelbling [Biostatistician (5% effort)].

"Student Perceptions and Usage Patterns of Dietary Supplements." PI: Emily Dix [Co-Investigator (5% effort)]

"Impact of False Positive Neonatal Hearing Screening", National Institute of Deafness and Other Communication Disorders (NIDCD). RO3: Funding dates: 10/01/02 - 09/30/05. Amount: \$222,000. PI: David Elkin [Co-Investigator (10% effort)].

Current funding:

"Center for Research Excellence in Psychiatric Neuroscience", Department of Health and Human Services (NIH/NCRR). 1 P20 RR17701-01. Funding start date: September, 2002. Funding Amount: \$9,400,000. Principal Investigator: Mark Austin, Department of Psychiatry and Human Behavior. [Statistician (10% effort)]

EDITORIAL AND PEER-REVIEW SERVICE EFFORTS:

Reviewed articles for the following professional journals:

Biometrical Journal

Computer Methods and Programs in Biomedicine

Journal of the Mississippi Academy of Sciences

Preventive Medicine

Gynecologic and Obstetric Investigation

Statistics in Medicine

COMMITTEES AND UNIVERSITY SERVICE (Past and Present):

Year 2000 Readiness Committee

Research Development Committee - Department of Medicine

Research Conference Subcommittee - Department of Medicine

Research Council - Department of Medicine

Curriculum Committee for Medical Students at UMMC

Evaluation subcommittee for Medical Students at UMMC

DISSERTATION AND THESES (Service):

2002:

"Uncertainty in Pregnancy" a Doctoral dissertation by Marilyn Handley. Chair: Barbara Rogers, School of Nursing, University of Mississippi Medical Center, February, 2002.

"Risk Behaviors and Trauma Recidivism in Adolescents" a Doctoral dissertation by Cindy Perkins. Chair: Barbara Rogers, School of Clinical Health Sciences, University of Mississippi Medical Center, February, 2002.

"Comparison of Likelihood Ratio and Wald Tests for a Specific Hypothesis about the Shape Parameter of the Weibull Distribution" a Master's thesis by Hui Han. Chair: William Johnson, Department of Preventive Medicine, University of Mississippi Medical Center, March, 2002.

"Dendritic Cell Function at the Immunological Synapse" a Doctoral dissertation by Smaroula Dilioglou. Chair: Julius M. Cruse, Department of Pathology, University of Mississippi Medical Center, April, 2002.

2003:

"Epidemiologic Analysis of the Association of Pesticide Use and Occurrence of Pediatric Cancers (All Sites) Using 1996-1998 Cancer Registry Data" a Doctoral Dissertation by Teresa Carithers. Chair: Dennis Frate, Department of Preventive Medicine, University of Mississippi Medical Center, April, 2003.

"Testing for Homogeneity of Variance of Correlated Variables" a Master's thesis by Margaret Pearson. Chair: Edward Meydrech, Department of Preventive Medicine, University of Mississippi Medical Center, May, 2003.

"A Study of the Relationship Between Precipitation Events, Motor Vehicle Crashes and Emergency Room Utilization in a Trauma Center Environment" a Master's Thesis by Larry Smith. Chair: Dennis Frate, Department of Preventive Medicine, University of Mississippi Medical Center, May, 2003.

2004:

"Cancer Proportionate Mortality Ratio Among Mississippi Farmers (1995-1999)" a Master's Thesis by Taysir M. Abussa, Chair: Dennis Frate, Department of Preventive Medicine, University of Mississippi Medical Center.

"Some Statistical Considerations for the Use of Telephone Surveys in Health Departments" a Master's Thesis by Lei Zhang, Chair: William Johnson, Department of Preventive Medicine, University of Mississippi Medical Center, February, 2004.

"HPV Testing and p16^{INK4a} Expression in Cervical Intraepithelial Neoplasm" a Doctoral Dissertation by Lulin Hu. Chair: Julius Cruse, Department of Pathology, University of Mississippi Medical Center, November, 2004.

2005:

"A Descriptive Study of a Psychiatric Primary Care Clinic: Contextual Process and Outcomes and Development of a Retrospective Model of Evaluation Using the Computerized Medical Record" Dissertation by Ramona Kay Strong, Chair: Barbara Boss, School of Nursing, UMMC, May, 2005.

“Evaluation of Clinical Outcomes of a Diabetes Disease Management Program” Dissertation by Pamela Watson-McGee, Chair: Sharon Wyatt, School of Nursing, UMMC, May, 2005.

2006:

“Approximate Confidence Intervals and Test Statistics for a Parameter of the Negative Hypergeometric Distribution” Dissertation by Lei Zhang, Chair: William D. Johnson, Department of Preventive Medicine, UMMC, May 2006.

“Race, Religion and Blood Pressure” Dissertation by Fleetwood Loustalot, Chair: Sharon Wyatt, School of Nursing, UMMC, May 2006.

“Physical Activity and Neighborhoods ” Dissertation by Jennifer Robinson, Chair: Sharon Wyatt, School of Nursing, UMMC, May 2006.

“A Needs Assessment Survey for HIV patients in Mississippi” Denise Krause, Chair: Warren May, Department of Preventive Medicine, UMMC, (Under development).

PUBLICATIONS (Peer-reviewed statistical research):

1. Johnson WD, Mercante DE, and May WL (1993). "A computer package for the multivariate nonparametric rank test in completely randomized experimental designs", Computer Methods and Programs in Biomedicine, **40**, 217-225.
3. May WL and Johnson WD (1995). "Testing quasi-independence in stratified triangular contingency tables", Biometrical Journal, **5**, 531-546.
4. Johnson WD and May WL (1995). "Combining 2x2 tables that contain structural zeroes", Statistics in Medicine, **14**, 1901-1911.
5. May WL and Johnson WD (1995). "Some applications of the analysis of multivariate normal data with missing observations" Journal of Biopharmaceutical Statistics, **5(2)**, 215-228.
6. May WL and Johnson WD (1996). "Analyzing multivariate data with variates arising from different distributions", Journal of Biopharmaceutical Statistics, **6(2)**, 139-153.
7. May WL and Johnson WD (1997). "The validity and power of tests for equality of two correlated proportions", Statistics in Medicine, **16**, 1081-1096.
8. May WL and Johnson WD (1997). "Properties of simultaneous confidence interval for multinomial proportions," Communications in Statistics, Simulation and Computation , **26(2)**, 495-518.
9. May, WL and Johnson, WD (1997). “Confidence intervals for differences in correlated binary proportions”, Statistics in Medicine , **16**, 2127-2136.
 - 9a. Correction: (1998) Statistics in Medicine **17**, 2015.
 - 9b. Comment with Author's reply (1998) Statistics in Medicine **17**, 2017-2021.
 - 9c. Comment with Author's reply (2000) Statistics in Medicine **19**, 133-139.

10. May, WL and Johnson, WD (1997). "A SAS macro for constructing simultaneous confidence intervals for multinomial proportions", Computer Methods and Programs in Biomedicine **53**, 153-162.
11. May, WL and Johnson, WD (1997). "A SAS^R macro for the multivariate extension of the Kruskal-Wallis test", Statistical Software Newsletter: Computational Statistics and Data Analysis **26**, 239-250.
12. May, WL and Johnson, WD (1998). "Hypothesis testing and confidence interval construction in 2 x 2 tables of correlated proportions", Journal of Biopharmaceutical Statistics **8(1)**, 109-124.
13. May, WL and Johnson, WD (1998). "On the singularity of the covariance matrix for estimates of multinomial proportions", Journal of Biopharmaceutical Statistics **8(2)**, 329-336.
14. May WL and Johnson WD (1998). *Triangular contingency tables*, Encyclopedia of Statistical Sciences, Update Vol II, Editors: Samuel Kotz, Campbell B. Read and David L. Banks. Wiley and Sons, pp. 680-684 (Invited publication – book chapter).
15. May, WL and Johnson, WD (2000). "Constructing two-sided simultaneous confidence intervals for multinomial proportions for small counts in a large number of cells", Journal of Statistical Software **5(6)** 1-24.
16. May, WL and Johnson, WD (2001). "Symmetry in square contingency tables: Tests of hypothesis and confidence interval construction", Journal of Biopharmaceutical Statistics **11(1&2)**, 15-25.
17. Olivier, J and May, WL (2006). "Weighted confidence interval construction for binomial parameters" Statistical Methods in Medical Research **15** 37-46.
18. Olivier, J and May, WL (2007). "A discussion of binomial interval estimators on the boundary" (Submitted)

PUBLICATIONS (Peer-reviewed journal articles from consulting):

1. Weiss SJ, Anand P, Ernst AA, Orgeron D, and May WL (1994). "Effect of out-of hospital albuterol inhalation treatments on patient comfort and morbidity", Annals of Emergency Medicine, **24(5)**, 873-878.
2. Ehlavel M, Ahmed I, Moore C, Moullem R, Hidalgo H, and May WL (1997). "Care of asthma: Allergy clinic versus emergency room", Journal of Allergy and Clinical Immunology, **78(4)**, 373-380.
3. Martin, JN Jr., Perry, KG Jr., Blake, PG, May, WL, Moore, A and Robinette, L (1997). "Better maternal outcomes are achieved with dexamethasone therapy for postpartum HELLP (hemolysis, elevated liver enzymes, and thrombocytopenia) syndrome", American Journal of Obstetrics and Gynecology **177(5)**, 1011-1017.
4. Ascarelli, MH, Perry, KG Jr., Magann, EF, May, WL, Blake, PG, Martin, JN Jr. (1997). "A birthweight of 600 grams: Cutpoint on the cusp of perinatal viability in pregnancies delivered very preterm for HELLP syndrome", Journal of Maternal Fetal Investigation **7**, 184-187.
5. Perry, KG, Larmon, JE, May, WL, Robinette, LG and Martin, RW (1998). "Cervical ripening: A randomized comparison between intravaginal misoprostol and an intracervical balloon catheter combined with intravaginal dinoprostone", American Journal of Obstetrics and Gynecology **178(6)**, 1333-1340.

6. Ascarelli, MH, Johnson, V, May, WL, Martin, RN and Martin, JN Jr (1998). "Individually determined postpartum magnesium sulfate therapy with clinical parameters to safely and cost-effectively shorten treatment for pre-eclampsia", American Journal of Obstetrics and Gynecology **179(4)**, 952-956.
7. Fleischmann, E, Teal, N, Dudley, J, May, W, Bower, JD, and Salahudeen, AK (1999). "Influences of excess weight on mortality and hospital stay in 1346 hemodialysis patients", Kidney International **55**, 1560-1567.
8. Rinehart, BK, Terrone, DA, Magann, EF, Martin, RW, May, WL and Martin, JN Jr. (1999). "Preeclampsia-associated hepatic hemorrhage and rupture: mode of management related to maternal and perinatal outcome", Obstetrical and Gynecological Survey **54(3)**, 196-202.
9. Martin, JN Jr., Rinehart, BK, May, WL, Magann, EF, Terrone, DA, and Blake, PG (1999). "The spectrum of severe preeclampsia: comparative analysis by HELLP (hemolysis, elevated liver enzyme levels, and low platelet count) syndrome classification", American Journal of Obstetrics and Gynecology **180**: 1373-1384.
10. Piletz, JE, Halaris, A, Madakasira, S, Goldman, N, Zhu, H, May, W and Nasrallah, A (1999). "Imidazoline receptors: A platelet marker for depression?", Journal of the Mississippi Academy of Sciences **44(3)** 143-148.
11. Perry, KG Jr., Rinehart, BK, Terrone, DA, Martin, RW, May, WL and Roberts, WE (1999). "Second trimester uterine evacuation: A comparison of intra-amniotic (15S) - 15 - Methyl-PGF_{2α} and intravaginal misoprostol", American Journal of Obstetrics and Gynecology **181(5)** 1057-1061.
12. Larmon, JE, Ross, BS, May, WL, Dickerson, GA, Fischer, RG and Morrison, JC (1999). "Oral nicardipine versus intravenous magnesium sulfate for the treatment of preterm labor", American Journal of Obstetrics and Gynecology **181(6)** 1432-1437.
13. Martin, JN Jr., Magann, EF, Blake, PG, Terrone, DA, Rinehart, BK and May, WL (1999). *Early risk assessment of severe preeclampsia: Admission battery of symptoms and laboratory tests to predict likelihood of subsequent significant morbidity.* American Journal of Obstetrics and Gynecology **180** : 1407-1414 (Yearbook article).
14. Sneed, RC, May, WL and Stencel, CS (2000). "Training of pediatricians in care of physical disabilities in children with special health needs: Results of a two-state survey of practicing pediatricians and national resident training programs", Pediatrics **105(3)** 554-561.
15. Friedman, CA, McVey, J, Borne, MJ, James, M, May WL, Temple, DM, Robbins, KK, Miller, CJ, Rawson, JE (2000). "Relationship between serum inositol concentration and development of retinopathy of prematurity: A prospective study", Journal of Pediatric Ophthalmology & Strabismus **37(2)** 79-86.

16. Halaris A, Piletz JE, Madakasira, S, Goldman, N, Zhu, H, May, W and Nasrallah, A. (2000). "Imidazoline receptors: new candidates for affective modulation?" in Progress in Differential Psychopathology, ed. Franzek, Ungvari, Ruther and Beckman. The International Wernicke-Kleist-Leonard Society, Wurzburg, Germany.
17. Terrone, DA, Isler, CM, May, WL, Magann, EF, Norman, PF, Martin, JN Jr. (2000). "Cardiopulmonary morbidity as a complication of severe preeclampsia in HELLP Syndrome", Journal of Perinatology **20(2)** 78-81.
18. Terrone, DA, Rinehart, BK, Kimmel, ES, May, WL, Larmon, JE and Morrisison, JC (2000). "A prospective randomized controlled trial of high and low maintenance doses of magnesium sulfate for tocolysis", American Journal of Obstetrics and Gynecology **182(6)** 1477-1482.
19. Martin, JN Jr., May, WL, Rinehart, BK, Martin, RW, and Magann, EF (2000). "Increasing maternal weight: a risk factor for preeclampsia/eclampsia but apparently not for HELLP syndrome", Southern Medical Journal **93(7)** 686-691.
20. Terrone, DA, Rinehart, BK, May, WL, Moore, A, Magann, EF, and Martin, JN Jr. (2000). "Leukocytosis is proportional to HELLP syndrome severity: Evidence for an inflammatory form of preeclampsia", Southern Medical Journal **93(8)** 768-771.
21. Kastner, J, Raggio, D, and May, W (2000). "The relationship between language skills and later academic achievement in children", Archives of Clinical Neuropsychology **15(8)** 787-788.
22. Shingleton, WB, Terrel, F, Kolski, J, May, W, Renfro, DL, Fowler, JE (2000). "Prostate specific antigen measurements after minimally invasive surgery of the prostate in men with benign prostatic hypertrophy", Prostate Cancer and Prostatic Diseases **3(3)** 200-202.
23. Kastner, JW, May, W and Hildman, L (2001). "Relationship between language skills and academic achievement in first grade" Perceptual and Motor Skills **92** 381-390.
24. Rinehart, BK, Terrone, DA, May, WL, Magann, EF, Isler, CM and Martin, JN Jr. (2001). "Change in platelet count predicts eventual maternal outcome with syndrome of hemolysis, elevated liver enzymes and low platelet count" Journal of Maternal Fetal Medicine **10(1)** 28-34.
25. Sneed, RC, May, WL and Stencel, C (2001). "Physician reliance on specialists, therapists and vendors when prescribing therapies and durable medical equipment for children with special health care needs" Pediatrics **107(6)** 1283-1290.
26. Terrone, DA, Rinehart, BK, May, WL, Martin, RW and Martin, JN Jr. (2001). "The myth of transient hypertension: descriptor or disease process" American Journal of Perinatology **18(2)** 73-77.
27. Mychaskiw, G, Woodyard, SA, Brunson, CD, May, WS and Eichhorn, JH (2001). "In vitro effects of hyperbaric oxygen on sickle cell morphology" Journal of Clinical Anesthesiology **13(4)** 255-258.
28. Klimek, V, Zhu, MY, Dilley, G, Konick, L, Overholser, JC, Meltzer, HY, May, WL, Stockmeier, CA, Ordway, GA (2001). "Effects of long-term cigarette smoking on the human locus coeruleus" Archives of General Psychiatry **58(9)** 821-827.

29. Sneed, RC, May, WL, Stencel, C and Paul, SM (2002). "Pediatric physiatry in 2000: A survey of practitioners and training programs" Archives of Physical Medicine and Rehabilitation **83(3)** 416-422.
30. Bishop, PR, Nowicki, MJ, May, WL, Elkin, D and Parker, PH (2002). "Unsedated upper endoscopy in children" Gastrointestinal Endoscopy **55(6)** 624-630.
31. Barrilleaux, PS, Bofill, JA, Terrone, DA, Magann, EF, May, WL and Morrison, JC (2002). "Cervical ripening and induction of labor with misoprostol, dinoprostone gel, and a foley catheter: A randomized trial of 3 techniques" American Journal of Obstetrics and Gynecology **186(6)** 1124-1129.
32. Shingleton, WB, Farabaugh, P, and May, W (2002). "Three-year follow-up of laser prostatectomy versus transurethral resection of the prostate in men with benign prostatic hyperplasia" Urology **60(2)** 305-308.
33. Ordway, GA, Schenk, J, Stockmeier, CA, May, W and Klimek, V (2003). "Elevated agonist binding to alpha(2) - adrenoceptors in the locus coeruleus in major depression" Biological Psychiatry **53(4)** 315-323.
34. Salahudeen, AK and May, W (2003). "Bitter pill it is, but frequent hemodialysis more than thrice weekly may be the answer" Kidney International **63(5)** 1961-1962.
35. McDaniel, DO, Barber, WH, Nguyen, C, Rhodes, SW, May, WL, McDaniel, LS, Vig, PJS, Jemeson, LL, Butkus, DE. (2003). "Combined analysis of cytokine genotype polymorphism and the level of expression with allograft function in African-American renal transplant patients. Transplant Immunology **11(1)** 107-119.
36. Salahudeen, AK, Dykes, P and May, W (2003). "Risk factors for higher mortality at the highest levels of SpKt/V in haemodialysis patients" Nephrology, Dialysis, Transplantation **18(7)** 1339-1344.
37. Piletz, JE, Ordway, GA, Rajkowska, G, Zhu, H, Klimek, V, Swilley, S, Duncan, BJ, May, W, Halaris, AE (2003). "Differential expression of alpha(2)-adrenoceptor vs. imidazoline binding sites in postmortem orbitofrontal cortex and amygdala of depressed patients" Journal of Psychiatric Research **37(5)** 399-409.
38. McMurray, RW and May, W (2003). "Sex hormones and systematic lupus erythematosus: Review and meta-analysis" Arthritis and Rheumatism **48(8)** 2100-2110.
39. Baran, AP, Richert, AC, Douglass, AB, May, W and Ansarin, K (2003). "Change in periodic limb movement index during treatment of obstructive sleep apnea with continuous positive airway pressure" Sleep **26(6)** 717-720.
40. Moore, LE, Wallace, KL, Alexander, BT, May, WL, Thigpen, BD and Benne, WA (2003). "Reduced placental perfusion causes an increase in maternal serum leptin" Placenta **24(8-9)** 877-881.
41. Isler, CM, Rinehart, BK, Terrone, DA, May, WL, Magann, EF and Martin, JN Jr. (2003). "The importance of parity to major maternal morbidity in the eclamptic mother with HELLP syndrome" Hypertension in Pregnancy **22(3)** 287-294.
42. Nowicki, MJ, Shi, D, Cai, Z, Bishop, PR and May, WL (2003). "Developmental expression of endothelial nitric oxide syntha (eNOS) in the rat liver" Pediatric Research **54(5)** 732-738.

43. Martin, JN Jr., Thigpen, BD, Rose, CH, Cushman, J, Moore, A and May, WL (2003). "Maternal benefit of high-dose intravenous corticosteroid therapy for HELLP syndrome" American Journal of Obstetrics and Gynecology **189(3)** 830-834.
44. Salahudeen, AK, Haider, N and May, W (2004). "Cold Ischemia and the Reduced Long-Term Survival of Cadaveric Renal Allografts" Kidney International **65(2)** 713-718.
45. Waltman, P., Brewer, J., Rogers, B., May, W. (2004). "Building evidence for practice: A pilot study of newborn bulb suctioning at birth" Journal of Midwifery & Women's Health. **49(1)** 32-38.
46. Sneed, RC, May, WL and Stencel, C. (2004). "Policy versus Practice: Comparison of prescribing therapy and durable medical equipment in medical and educational settings" Pediatrics **114(5)** 612-625.
47. Rose, CH, Thigpen, BD, Bofill, JA, Cushman, J, May, WL and Martin, JN Jr. (2004). "Obstetric implications of antepartum corticosteroid therapy for HELLP syndrome" Obstetrics and Gynecology **104(5)** 1011-1014.
48. Krause, DD, Frate, DA and May, WL (2005). "Demographics and distributions of dentists in Mississippi: A dental workforce study" Journal of the American Dental Association **136**; 668-677.
49. Chen, S, Averett, NT, Manelli, A, LaDu, MJ, May, W and Ard, MD (2005). "Isoform-specific effects of apolipoprotein E on secretion of inflammatory mediators in adult rat microglia" Journal of Alzheimer's Disease **7(1)** 25-35.
50. Ascarelli, MH, Johnson, V, McCreary, H, Cushman, J, May, WL and Martin, JN Jr. (2005). "Postpartum preeclampsia management with furosemide: A randomized clinical trial" Obstetrics and Gynecology **105(1)** 29-33.
51. Martin, JN Jr., Thigpen, GD, Moore, RC, Rose, CH, Cushman, J and May, W (2005). "Stroke and severe preeclampsia and eclampsia: A paradigm shift focusing on systolic blood pressure" Obstetrics and Gynecology **105(2)** 246-254.
52. Carroll, CS, Hines, RS, Haddad, GF, Robinette, LG, May, WL and Cowan, BD (2005). "Randomized trial of paracervical block with endometrial biopsy" Journal of Pelvic Medicine and Surgery **11(1)** 1-5.
53. Barrilleaux, PS, Martin, JN Jr, Klauser, CK, Bufkin, L and May, WL (2005). "Postpartum intravenous dexamthasone for severely preeclamptic patients without hemolysis, elevated liver enzymes, low platelets (HELLP) syndrome: A randomized trial" Obstetrics and Gynecology **105(4)** 843-848.
54. Subramony, SH, May, W, Lynch, D, Gomez, C, Fischbeck, K, Hallett, M, Taylor, P, Wilson, R, Ashizawa, T; Cooperative Ataxia Group. (2005). "Measuring Friedreich ataxia: Interrater reliability of a neurologic rating scale" Neurology **12;64(7)** 1261-1262.
55. Hua, L, Shi, D, Bishop, PR, Gosche, J, May, WL and Nowicki, MJ. (2005). "The role of UGT1A1 28 mutation in jaundiced infants with hypertrophic pyloric stenosis" Pediatric Research **58(5)** 881-884.

56. Nowicki, MJ, Bishop, PR, Subramony, C, Wyatt-Ashmead, J, May, W and Crawford, M. (2005). "Colonic chicken-skin mucosa in children with polyps is not a preneoplastic lesion" Journal of Pediatric Gastroenterology and Nutrition **41(5)** 600-606.
57. Faruque F, Carithers T, Wilson K, Williams W, Li H, May W and Olivier J. (2005) "Evaluation of a Method of Estimating Agricultural Chemical Use." WIT Transactions on Ecology and Environment **85** 409-418.
58. Li, J, May, W and McMurray RW (2005). "Pituitary hormones and systemic lupus erythematosus" Arthritis and Rheumatism **52(12)** 3701-3712.
59. Furr, AM, Schweinfurth, JM and May, WL (2006). "Factors associated with long-term complications after repair of mandibular fractures." Laryngoscope **116(3)** 427-430.
60. Loustalot, F., Wyatt, SB., Boss, B., May, W., & McDyess, T. (2006). "Psychometric examination of the Daily Spiritual Experiences Scale." Journal of Cultural Diversity, **13(3)**, 162-167.

PRESENTATIONS AND ABSTRACTS:

1. Ehlevel M, Ahmed I, Moore C, Mouallem R, Hidalgo H, and May WL (1994). "Comparison of asthma patients seen in an emergency service or in an allergy clinic", Journal of Allergy and Clinical Immunology, 93 (Part 2): #130. Fiftieth Annual Meeting of the American Academy of Allergy and Immunology, March 4-9, Anaheim, CA.
2. May WL and Johnson WD, (March, 1995). "Some applications of the analysis of multivariate normal data with missing observations", Tenth Annual LSU Medical Center Graduate Student Research Day, New Orleans, Louisiana, Session 4, p. 23.
3. May WL and Johnson WD, (March, 1995). "Generalized estimating equations for multivariate data with missing observations", Joint Meeting of the International Biometric Society, ENAR, Programs and Abstracts, Birmingham, Alabama, Session 42, p. 116.
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