

CURRICULUM VITAE

Gerald McGwin, Jr., M.S., Ph.D.

PERSONAL INFORMATION:

Name: Gerald McGwin, Jr., M.S., Ph.D.

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Personal Records: Marathon (2:51:36, 10/2006)
Half-Marathon (1:21:26, 03/2006)
20k (1:16:55, 10/2004)
15k (55:18, 01/2007)
10k (36:24, 11/2004)
8k (29:46, 01/2005)
5k (17:21, 10/2006)

RANK/TITLE:

Tenured Professor of Epidemiology
Department of Epidemiology
School of Public Health
University of Alabama at Birmingham

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Department of Ophthalmology
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Birmingham, Alabama 35294
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EDUCATION:

University of Vermont

Bachelor of Science in Human Development and Family Studies – 1993.

Harvard University
Master of Science in Health and Social Behavior – 1995.

University of Alabama at Birmingham
Doctor of Philosophy in Epidemiology – 1998.

ACADEMIC
APPOINTMENTS:

Tenured Professor of Epidemiology
Department of Epidemiology
School of Public Health
University of Alabama at Birmingham.
October 2007 to present.

Ph.D. Program Director
Department of Epidemiology
School of Public Health
University of Alabama at Birmingham.
June 2005 to present.

Associate Professor of Epidemiology
Department of Epidemiology
School of Public Health
University of Alabama at Birmingham.
January 2003 to present.

Assistant Professor of Ophthalmology
Department of Ophthalmology
School of Medicine
University of Alabama at Birmingham
January 2003 to present.

Assistant Professor of Epidemiology
Department of Epidemiology
School of Public Health
University of Alabama at Birmingham.
September 1998 to December 2002.

Assistant Professor of Surgery
Section of Trauma, Burns, and Surgical Critical Care
Division of General Surgery
Department of Surgery
School of Medicine

University of Alabama at Birmingham
September 1998 to present.

Assistant Professor of Ophthalmology
Department of Ophthalmology
School of Medicine
University of Alabama at Birmingham
February 2001 to December 2002.

Associate Director
Center for Injury Sciences at the University of Alabama at
Birmingham
January 2001 to present.

Associate Director
Clinical Research Unit
Department of Ophthalmology
School of Medicine
University of Alabama at Birmingham
January 2001 to present.

Scientist
Center for Aging, University of Alabama at Birmingham,
Birmingham, Alabama.
September 1999 to present.

Epidemiologist
Mercedes-Benz Crash Injury Research Engineering
Network (CIREN) Center, University of Alabama at
Birmingham, Birmingham, Alabama.
September 1999 to present.

VISTING PROFESSORSHIPS:

Injury Control Research Center, Harvard School of Public
Health – April 2002

Department of Public Health Sciences, Division of
Epidemiology, University of California – Davis, February
2003

Department of Ophthalmology, University of California –
San Francisco, March 2006

Department of Geriatrics, University of California – San
Francisco, October 2006

COUNCILS/COMMITTEES:

Member, Birmingham Regional Emergency Medical Services System Quality Assurance Committee
August 1999 to 2002.

Consultant, State Emergency Medical Control Committee
Alabama Department of Public Health
January 1999 to 2003.

Chair, Alabama Trauma Registry Task Force
Alabama Department of Public Health
March 2001 to 2003.

Member, Review Committee
American Medical Association/National Highway Traffic Safety Administration
Physician's Guide to Assessing and Counseling Older Drivers
January 2003 to December 2004

Member, Committee for the Safe Mobility of Older Persons
Transportation Research Board
June 2003 to present

Member, Search Committee
Various faculty positions
UAB School of Public Health
UAB School of Medicine
January 2004 to present

Member, Faculty Affairs Committee
School of Public Health
University of Alabama at Birmingham
March 2004 to 2006; 2007 to present

Member, Scientific Advisory Board
Restore Effective Survival in Shock (Clinical Trial)
Naval Medical Research Center
January 2005 to present

Member, Epidemiology Training Committee
School of Public Health
University of Alabama at Birmingham
January 2005 to present

Member, Search Committee

UAB GCRC Informatics Core Director
January 2005 to December 2005

Member, Search Committee
Associate Dean, UAB School of Public Health
December 2006 to June 2007

EDITORIAL SERVICE:

Reviewer – *Accident Analysis and Prevention*
January 1999 to present.

Reviewer – *American Journal of Epidemiology*
January 2000 to present.

Reviewer – *American Journal of Public Health*
January 2002 to present

Reviewer – *Epidemiology*
February 2002 to present.

Reviewer – *Injury Prevention*
July 2002 to present.

Reviewer – *Investigative Ophthalmology and Vision
Science*
July 2002 to present.

Reviewer – *JAMA*
July 2002 to present.

Reviewer – *Journal of Vision*
July 2002 to present.

Reviewer – *Archives of Ophthalmology*
August 2002 to present.

Reviewer – *Optometry and Vision Science*
January 2003 to present.

Reviewer – *American Journal of Preventive Medicine*
January 2003 to present.

Reviewer – *Shock*
January 2003 to present

Reviewer – *Occupational and Environmental Medicine*

January 2004 to present

Reviewer – *Obesity Research*

May 2004 to present

Reviewer – *Journal of Women's Health*

May 2004 to present

Associate Editor – *American Journal of Epidemiology*

November 2004 to present

GRANT REVIEWER:

Special Emphasis Panel, National Eye Institute, NIH; 2005, 2006

James and Esther King Biomedical Research Program, Florida Department of Public Health; 2007, 2008

Bankhead-Coley Cancer Research Program, Florida Department of Public Health; 2007, 2008

AAA (American Automobile Foundation) Foundation for Traffic Safety, Washington, D.C.; 2006, 2007

Intramural Grant Reviewer, UAB Center for Aging; 2004, 2005

Grant Reviewer, National Institute of Occupational Safety and Health, Centers for Disease Control and Prevention; 2003, 2004, 2007

Scientific Merit Review, Department of Veteran Affairs' Rehabilitation Research & Development Service, Washington, D.C.; 2004, 2006

Grant Reviewer, Canadian Institutes of Health Research; 2004

Grant Reviewer, (Ireland) Health Research Board; 2003

TEACHING EXPERIENCE:

Instructor

Introduction to SAS

Department of Epidemiology, School of Public Health, University of Alabama at Birmingham

1998 to 2003.

Instructor
Analysis and Presentation of Epidemiologic Data
Department of Epidemiology, School of Public Health,
University of Alabama at Birmingham
1999 to present.

Instructor
The Analysis of Case-Control Studies
Department of Epidemiology, School of Public Health,
University of Alabama at Birmingham
2000 to present.

Instructor
Master's Seminar
Department of Epidemiology, School of Public Health,
University of Alabama at Birmingham
2001 to present.

Instructor
Introduction of Health and Human Disease
School of Health-Related Professions, University of
Alabama at Birmingham
2002 to present.

Instructor
The Analysis of Cohort Studies
Department of Epidemiology, School of Public Health,
University of Alabama at Birmingham
2003 to present.

BIBLIOGRAPHY:

BOOK CHAPTERS:

McGwin G, Owsley C. Statins and age-related maculopathy. In: Tombran-Tink J and Barnstable CJ (eds.) Retinal Degenerations: Biology, Diagnostics, and Therapeutics. Totowa, NJ: The Humana Press; 2006.

McGwin G. Quantifying Trauma System Effectiveness. In: Flint L, Meredith JW, Schwab CW, Trunkey DD, Rue LW (eds.) Trauma: Contemporary Principles and Therapy. Lippincott, Williams & Wilkins; 2007.

MANUSCRIPTS:

Published:

1. McGwin G, Roseman JM, Owsley C. Epidemiology and the internet [letter]. *Epidemiology* 1997;8(4):465.
2. Owsley C, Ball K, McGwin G, Sloane ME, Roenker DL, White MF, Overley ET. Visual processing impairment and crash risk among older adults. *JAMA* 1998;279:1083-1088.
3. McGwin G, Roseman JM. Diabetes and accident insurance [letter]. *Diabetes Care* 1998;21(5):877.
4. Calhoun A, McGwin G, King WD, Rousculp M. Pediatric pedestrian injuries: a community assessment using a hospital surveillance system. *Academic Emergency Medicine* 1998;5(7):685-90.
5. Owsley C, McGwin G, Ball K. Visual impairment, eye disease, and injurious motor vehicle crashes in the elderly. *Ophthalmic Epidemiology* 1998;5(2):101-113.
6. McGwin G, Owsley C, Ball K. Crash involvement among older drivers: agreement between self-report and state-records. *Accident Analysis & Prevention* 1998;30(6):781-791.
7. McGwin G. Are drivers with CVD more at risk of motor vehicle crashes? [letter.] *Canadian Family Physician* 1998;44:2061.
8. McGwin G, Sims R, Pulley L, Roseman JM. Diabetes and automobile crashes in the elderly: A population-based case-control study. *Diabetes Care* 1999;22(2):220-227.
9. McGwin G, Brown, D. Characteristics of traffic crashes among young, middle-aged, and older drivers. *Accident Analysis & Prevention* 1999;31(3):13-30.
10. Lyman S, McGwin G, Enochs R, Roseman JM. Prevalence of agricultural injury among Deep South farmers: characteristics and determinants. *American Journal of Industrial Medicine* 1999;35:499-510.
11. Owsley C, McGwin G. Vision and driving. *Survey of Ophthalmology*. 1999;43(6):535-550.
12. Alarcon, GS, Friedman, AW, Straaton, KV, Moulds JM, Lisse J, Bastian HM, McGwin G, Bartolucci AA, Roseman JM, Reveille JD. Systemic lupus erythematosus in three ethnic groups: III. A comparison of characteristics early in the natural history of the LUMINA cohort. *Lupus* 1999;8:197-209.

13. Friedman AW, Alarcon GS, Straaton KV, McGwin G, Roseman JM, Reveille JD. Systemic lupus erythematosus in three ethnic groups IV: Factors associated with self-reported functional outcome in a large, SLE cohort study. *Arthritis Care and Research*. 1999;12:256-266.
14. Jackson GR, Owsley C, McGwin G. Aging and dark adaptation. *Vision Research* 1999;39(23): 3975-3982.
15. McGwin G, Chapman V, Curtis J, Rousculp M. Age and fire-fatalities. *Journal of the American Geriatrics Society*. 1999;47(11):1307-1311.
16. McGwin G, Jackson G, Owsley C. Using non-linear regression to quantify dark adaptation kinetics. *Behavior Research Methods, Instruments, and Computers*. 1999;31(4):712-717.
17. McGwin G, Gibbs V, Rousculp M, Robison J, Fine P. The epidemiology of fire-related deaths in Alabama: 1992-1997. *Journal of Burn Care and Rehabilitation*. 2000;21:75-83.
18. May AK, McGwin G, Lancaster L, Taylor AJ, Rue LW. The April 8, 1998 Tornado: assessment of the trauma system response and the resulting injuries. *Journal of Trauma*. 2000;48:666-672.
19. McGwin G, Scotten S, Aranas A, Enochs R, Roseman JM. Impact of agricultural injury among farmers in Alabama and Mississippi. *American Journal of Industrial Medicine*. 2000;37:374-381.
20. Sims R, McGwin G, Allman R, Ball K, Owsley C. An exploratory study of risk factors for older driver vehicle crashes. *Journal of Gerontology, Medical Sciences*. 2000;55A:M22-27.
21. Zonana-Nacach A, Roseman JM, McGwin G, Alarcon GS, Straaton KV, Baethge B, Friedman AW, Moulds JM, Reveille JD. Systemic lupus erythematosus in three ethnic groups IV: Factors associated with fatigue within 5 years of criteria diagnosis. *Lupus*. 2000;9:101-9.
22. McGwin G, Chapman V, Owsley C. Visual risk factors for driving difficulty among older drivers. *Accident Analysis and Prevention*. 2000;32:735-744.
23. McGwin G, Sims R, Pulley L, Roseman JM. Relations among chronic medical conditions, medications, and automobile crashes in the elderly: A population-based case-control study. *American Journal of Epidemiology*. 2000;152:424-431.
24. Taylor AJ, McGwin G. Temperature-related deaths in Alabama. *Southern Medical Journal*. 2000;93:787-92.

25. McGwin G, Enochs R, Roseman JM. A prospective study of agricultural injuries among farmers in the Deep South. *American Journal of Epidemiology*. 2000;152:640-50.
26. McGwin G, Melton SM, May AK, Rue LW. Long-term survival in the elderly following trauma. *Journal of Trauma*. 2000;49:470-6.
27. McGwin G, Lyman J, Sims RV. Factors related to driving difficulty and reduced mobility in older drivers. *Accident Analysis and Prevention*. 2001;33(3):413-421.
28. May AK, Melton SM, McGwin G, Cross JM, Moser SA, Rue LW. Reduction in vancomycin-resistant enterococcal infections by limitation of broad-spectrum cephalosporin use in a trauma and burn intensive care unit. *Shock*. 2000;14:259-64.
29. McGwin G, Melton SM, May AK, Rue LW. Recurrent trauma in the elderly. *Archives of Surgery*. 2001;136(2):197-203.
30. Tew MB, Alarcon GS, Ahn CW, Lisse JR, Bastian HM, Fessler BJ, McGwin G, Reveille JD, Tan FK. Systemic lupus erythematosus in three ethnic groups: VIII. Glutathione S-transferase null alleles lack association with disease manifestations in the LUMINA cohort. *Arthritis and Rheumatism*. 2001 Apr;44(4):981-3
31. Taylor AJ, McGwin G, Davis GG, Brissie RM, Holley TD, Rue LW. Hypothermia deaths in Jefferson County, Alabama. *Injury Prevention*. 2001;7:141-5.
32. Sims R, McGwin G, Pulley L, Roseman JM. Mobility impairments in crash-involved older drivers. *Journal of Aging & Health*. 2001;13(3):430-438.
33. Owsley C, Stalvey B, Wells J, Sloane ME, McGwin G. Visual functional risk factors for vehicle crashes in older drivers with cataract. *Archives of Ophthalmology*. 2001;119:881-7.
34. Park CA, McGwin G, Smith DR, May AK, Melton SM, Rue LW. Trauma-specific ICUs can be cost effective and contribute to reduced hospital length of stay. *American Surgeon*. 2001;67:665-70.
35. Passman C, McGwin G, Taylor AJ, Rue LW. Seatbelt use before and after motor vehicle trauma. *Journal of Trauma*. 2001;51:105-9.
36. Alarcón GS, McGwin G, Bastian H, Roseman J, Moulds J, Goel N, Friedman AW, Reveille JD. Systemic lupus erythematosus in three ethnic groups, the LUMINA Study: VIII. Predictors of early mortality. *Arthritis and Rheumatism*. 2001;45:191-202.

37. Owsley C, McGwin G, Sloane ME, Stalvey BT, Wells J. Timed instrumental activities of daily living (IADL) tasks: Relationship to visual function in older adults. *Optometry and Vision Science* 2001;78:350-9.
38. Reiff DA, McGwin G, Rue LW. Splenic injury in side impact motor vehicle collisions – The effect of occupant restraints. *J Trauma*. 2001;51:340-5.
39. Valent F, McGwin G, Bovenzi M, Barbone F. Fatal work-related inhalation of harmful substances in the United States. *Chest*. 2002;121:969-75.
40. Abernathy JH, McGwin G, Acker JE, Rue LW. Reduction in mortality, hospital length of stay and cost can be realized through a voluntary trauma system. *American Surgeon*. 2002;68:182-92.
41. Alarcón GS, McGwin G, Roseman J, Lisse J, Fessler BJ, Bastian HM, Friedman AW, Reveille JD. Systemic lupus erythematosus in three ethnic groups, the LUMINA study: VIII Differences in damage accrual. *Arthritis and Rheumatism*. 2001;44:2797-806.
42. Moran SG, McGwin G, Reiff DA, Rue LW. The association between body mass index, restraint use, and fatality in motor vehicle collisions. *Proceedings of the - Association for the Advancement of Automotive Medicine*. 2001;45:107-123.
43. Owsley C, Sloane M, McGwin G, Ball K. Timed instrumental activities of daily living (TIADL) tasks: relationship to cognitive function and everyday performance assessments in older adults. *Gerontology* 2002;48:254-265.
44. Valent F, McGwin G, Hardin W, Johnston C, Rue LW. Restraint use and injury patterns among children involved in motor vehicle collisions. *Journal of Trauma*. 2002;52:745-51.
45. Taylor AJ, McGwin G, Davis GG, Brissie RM, Rue LW. Occupational electrocutions in Jefferson County, Alabama. *Occup Med*. 2002;52:102-6.
46. Bastian HM, Roseman JM, McGwin G, Alarcon GS, Friedman AW, Fessler BJ, Baethge BA, Reveille JD. Systemic lupus erythematosus in three ethnic groups: X. Risk factors for lupus nephritis after diagnosis. *Lupus*. 2002;11:152-60.
47. McGwin G, Reiff DA, Rue LW. Differences in the incidence and etiology of blunt thoracic aortic injury in motor vehicle collisions by age. *Journal of Trauma*. 2002;52:859-65.
48. Alarcon GS, McGwin G, Petri M, Reveille JD, Ramsey-Goldman R, Kimberly RP. Baseline characteristics of a multiethnic lupus cohort: Profile. *Lupus*. 2002;11:95-101.

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51. Alarcon GS, McGwin G, Bastian HM, Fessler BJ, Baethge BA, Friedman AW, Reveille JD. SLE in three ethnic groups: XIII. The “weighted” criteria as predictors of damage. *Lupus*. 2002;11:329-31.
52. Taylor AJ, McGwin G, Smith DR, Birmingham BR, Rue LW. The epidemiology of serious occupational burn injuries in Alabama. *Journal of Burn Care and Rehabilitation*. 2002;23:244-248.
53. Owsley C, McGwin G, Sloane M, Wells J, Stalvey BT, Gauthreaux S. Impact of cataract surgery on motor vehicle crash involvement by older adults. *JAMA*. 2002;288:841-849.
54. Alarcon GS, McGwin G, Brooks K, Roseman JM, Fessler BJ, Sanchez M, Bastian HM, Friedman AW, Baethge BA, Reveille JD. Systemic lupus erythematosus in three ethnic groups: X. Sources of discrepancy in perception of disease activity: A comparison of physician and patient visual analog scale. *Arthritis and Rheumatism*. 2002;47:408-413.
55. Quinney B, McGwin G, Cross JM, Valent F, Taylor AJ, Rue LW. Thermal burn fatalities in the workplace, United States, 1992-1999. *Journal of Burn Care and Rehabilitation*. 2002;23:305-310.
56. Stannard JP, Wilson TC, Sheils TM, McGwin G, Volgas DA, Alonso JE. Heterotopic ossification associated with knee dislocations. *Arthroscopy*. 2002;18:835-9.
57. Meredith JW, Evans G, Kilgo PD, MacKenzie E, Osler T, McGwin G, Cohn S, Esposito T, Gennarelli T, Hawkins M, Lucas C, Mock C, Rotondo M, Rue L. A comparison of the abilities of nine scoring algorithms in predicting mortality. *Journal of Trauma*. 2002;53:621-629.
58. McGwin G, George RL, Cross JM, Reiff DA, Chaudry IH, Rue LW. Gender differences in mortality following burn injury. *Shock*. 2002;18:311-315.

59. Owsley C, McGwin G. Risk of motor vehicle crashes in patients with cataract surgery [letter]. *JAMA*. 2002;288:2262-3.
60. Taylor AJ, McGwin G, Valent F, Rue LW. Fatal occupational electrocutions in the United States. *Injury Prevention*. 2002;8:306-312.
61. Reiff DA, McGwin G, Metzger J, Doss M, Rue LW. Identifying injuries and motor vehicle collision characteristics that together are suggestive of diaphragmatic rupture. *Journal of Trauma*. 2002;53:1139-1145.
62. McGwin G, Valent F, Taylor AJ, Howard HJ, Davis GG, Brissie RM, Rue LW. Epidemiology of fatal occupational injuries in Jefferson County, Alabama. *Southern Medical Journal*. 2002;95:1300-1311.
63. McGwin G, Cross JM, Ford JW, Rue LW. Long-term trends in mortality according to age among adult burn patients. *Journal of Burn Care and Rehabilitation*. 2003;24:21-25.
64. George RL, McGwin G, Windham ST, Melton SM, Metzger J, Chaudry IH, Rue LW. Age-related gender differential in outcome following blunt and penetrating trauma. *Shock*. 2003;19:28-32.
65. Melton SM, McGwin G, Abernathy JA, MacLennan P, Cross JM, Rue LW. Motor vehicle crash-related mortality is associated with pre-hospital and hospital-based resource availability. *Journal of Trauma*. 2003;54:273-279.
66. Moran SG, Metzger JS, McGwin G, Alonso JE, Rue LW. The relationship between age and lower extremity fractures in motor vehicle collisions. *Journal of Trauma*. 2003;54:261-265.
67. Fuller JJ, Mason JO, White MF, McGwin G, Emond TL, Feist RM. Retinochoroidal collateral veins protect against anterior segment neovascularization after central retinal vein occlusion. *Archives of Ophthalmology*. 2003;121:332-6.
68. George RL, McGwin G, Metzger J, Chaudry IH, Rue LW. The association between gender and mortality among trauma patients as modified by age. *Journal of Trauma*. 2003;54:464-471.
69. Wulu JT, Singh K, Famoye F, Thomas TN, McGwin G. Regression analysis of count data. *J. Ind. Soc. Ag. Statistics*. 2002;55:220-231.
70. Stannard JP, Riley RS, Sheils TM, McGwin G, Volgas DA. Anatomic reconstruction of the posterior cruciate ligament after multiligament knee injuries: A combination of the tibial-inlay and two-femoral-tunnel techniques. *Am J Sports*

Med. 2003;31:196-202.

71. McGwin G, Owsley C, Gauthreaux S. The association between cataract and mortality among older adults. *Ophthalmic Epidemiology*. 2003;10:107-19.
72. McGwin G, Metzger J, Moran SG, Rue LW. Occupant and collision related risk factors for blunt thoracic aorta injury. *Journal of Trauma*. 2003;54:655-662.
73. Melton SM, McGwin G, Cross JM, Davidson J, Waller H, Doss MW, Vickers S, Rue LW. Common bile duct transection in blunt abdominal trauma: Case report emphasizing mechanism of injury and therapeutic management. *Journal of Trauma*. 2003;54:781-785.
74. Friedman AW, Tew MB, Ahn C, McGwin G, Fessler BJ, Bastian HM, Baethge BA, Reveille JD, Alarcón GS: Systemic lupus erythematosus in three ethnic groups: XV. Prevalence and correlates of fibromyalgia. *Lupus*. 2003;12:274-9.
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76. McGwin G, Scilley K, Brown J, Owsley C. Impact of cataract surgery on self-reported visual difficulties: comparison to a no-surgery reference group. *Journal of Cataract and Refractive Surgery*. 2003;29:941-948.
77. Taylor AJ, McGwin G, Brissie RM, Rue LW, Davis GG. Death during theft from electric utilities. *American Journal of Forensic Medicine and Pathology*. 2003;24:173-6.
78. McGwin G, Metzger J, Alonso JE, Rue LW. The association between restraint systems and frontal motor vehicle collision-related morbidity and mortality. *Journal of Trauma*. 2003;54:1182-1187.
79. Stannard JP, Sheils TM, McGwin G, Volgas DA. The use of a hinged knee fixator after surgery for knee dislocation. *Arthroscopy*. 2003;19:626-31.
80. Sanchez ML, Alarcón GS, McGwin G, Fessler BJ, Kimberly RP. Can the weighted criteria improve our ability to capture a larger number of lupus patients into observational and interventional studies? A comparison with the American College of Rheumatology criteria. *Lupus*. 2003;12:468-70.
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82. McGwin G, Owsley C, Curcio CA, Crain RJ. Use of statins and risk of age-related maculopathy. *British Journal of Ophthalmology*. 2003;87:1121-1125.
83. Alarcon GS, Roseman JM, McGwin G, Bastian HM, Fessler BJ, Baethge BA, Friedman AW, Reveille JD. Systemic lupus erythematosus in three ethnic groups: XVI. Damage as predictor of further damage. *Rheumatology*. 2003;42:1-4.
84. McGwin G, Metzger J, Porterfield JR, Moran SG, Rue LW. The association between side air bags and risk of injury in near-side impact motor vehicle collisions. *Journal of Trauma*. 2003;55:430-436.
85. Lyman JM, McGwin G, Malone DE, Taylor AJ, R Brissie, Davis GG, Rue LW. Epidemiology of child homicide in Jefferson County, Alabama. *Child Abuse and Neglect*. 2003;27:1063-1073.
86. McGwin G, Li J, McNeal S, Owsley C. The impact of cataract surgery on depression among older adults. *Ophthalmic Epidemiology*. 2003;10:303-313.
87. Owsley C, McGwin G, McNeal SF. Impact of impulsiveness, venturesomeness and empathy on driving by older adults. *Journal of Safety Research*. 2003;34:353-359.
88. Vilá LM, Alarcón GS, McGwin G, Friedman AW, Baethge BA, Bastian HM, Fessler BJ, Reveille JD. Early clinical manifestations, disease activity and damage of systemic lupus erythematosus among US Hispanic subpopulations. *Rheumatology (Oxford)*. 2004;43:358-63.
89. Stannard JP, Harris HW, McGwin G, Volgas DA, Alonso JE. Intramedullary nailing of humeral shaft fractures with a locking flexible nail. *Journal of Bone and Joint Surgery*. 2003;85-A:2103-10.
90. Connor GS, McGwin G, MacLennan P, Alonso JE, Rue LW. Early versus delayed fixation of pelvic ring fractures. *American Surgeon*. 2003;69:1019-23.
91. Zamrini E, McGwin G, Roseman JM. The association between statin use and Alzheimer's disease. *Neuroepidemiology*. 2004;23:94-8.
92. Davis RP, McGwin G, Melton SM, Reiff DA, Whitley D, Rue LW. Specific occupant and collision characteristics are associated with motor vehicle collision-related blunt cerebrovascular artery injury. *J Trauma*. 2004;56:64-7.
93. Alarcón GS, McGwin G, Sanchez ML, Bastian HM, Fessler BJ, Friedman AW, Baethge BA, Roseman J, Reveille JD. Systemic lupus erythematosus in three ethnic groups. XIV. Poverty, wealth and their influence on disease activity. *Arthritis Rheum*. 2004;51:73-7.

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95. Melton SM, Kerby JD, McGiffin D, McGwin G, Smith JK, Oser RF, Cross JM, Windham ST, Moran SG, Hsia J, Rue LW. The evolution of chest computed tomography for the definitive diagnosis of blunt aortic injury: a single center experience. *Journal of Trauma*. 2004;56:243-50.
96. Davis GG, McGwin G, Brissie R. Comparison of heart mass in seizure patients dying of sudden unexplained death in epilepsy to sudden death due to some other cause. *The American Journal of Forensic Medicine and Pathology*. 2004;25:23-28.
97. Mason J, Feist R, White M, Swanner J, McGwin G, Emond T. Sheathotomy to decompress branch retinal vein occlusion: A matched control study. *Ophthalmology*. 2004;111:540-545.
98. Owsley C, McGwin G, Phillips JM, McNeal SF, Stalvey BT. Impact of an educational program on the safety of high-risk, visually impaired older drivers. *American Journal of Preventive Medicine*. 2004;26:222-229.
99. McGwin G, Russell SR, Rux RL, Leath CA, Valent F, Rue LW. Knowledge, beliefs, and practices concerning seat belt use during pregnancy. *Journal of Trauma*. 2004;56:512-517.
100. Rana AI, Kenney PJ, Lockhart ME, McGwin G, Morgan DE, Smith JK, Windham ST. Adrenal hematomas in trauma patients. *Radiology*. 2004;230:669-75.
101. McGwin G, Metzger J, Rue LW. The influence of side air bags on the risk of head and thoracic injury following motor vehicle collisions. *Journal of Trauma*. 2004;56:670-675.
102. Claytor B, MacLennan PA, McGwin G, Rue LW, Kirkpatrick JS. Cervical spine injury and restraint system use in motor vehicle collisions. *Spine*. 2004;29:386-9.
103. Uribe AG, Alarcón GS, Sanchez ML, McGwin G, Sandoval R, Fessler BJ et al. Systemic lupus erythematosus in three ethnic groups. XVIII. Factors predictive of poor compliance with study visits. *Arthritis Rheum*. 2004;51:258-63.
104. Cox D, Vincent DG, McGwin G, MacLennan PA, Holmes JD, Rue LW. Effect of restraint systems on maxillofacial injury in frontal motor vehicle collisions. *Journal of Oral and Maxillofacial Surgery*. 2004;62:571-575.
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