

# CURRICULUM VITAE

WALTER FRANCIS STEWART

## PERSONAL DATA

### HOME

59 South Fourth Street  
Lewisburg, PA 17837  
Home Phone: 570-522-0246  
Home Fax: 570-522-247

### BUSINESS

Geisinger Clinic  
100 N. Academy Avenue  
Danville, PA 17822-3003  
Phone: 570-214-9391  
Fax: 570-214-9451  
[wfstewart@geisinger.edu](mailto:wfstewart@geisinger.edu)

## EDUCATION AND TRAINING

- Ph.D. 1983 Epidemiology. Johns Hopkins School of Hygiene and Public Health, Baltimore, MD.
- M.P.H. 1977 Department of Epidemiology, School of Public Health, University of California at Los Angeles, Westwood, CA.
- B.S. 1974 Psychobiology, University of California at Riverside, Riverside, CA.

## PROFESSIONAL EXPERIENCE

- 2003 – Present **ASSOCIATE CHIEF RESEARCH OFFICER**, Director, Center for Health Research, Geisinger Health System, 100 North Academy Avenue, Danville, Pennsylvania.
- 1998 – 2002 **VICE-PRESIDENT**, Clinical Research and Development, AdvancePCS, and for Center for Work and Health, 11350 McCormick Road, Executive Plaza II, Suite 1000, Hunt Valley, Maryland.
- 1991 – 1998 **PRESIDENT, IMR**. Startup research company sold to AdvancePCS in 1998. Baltimore, MD

- 2001 – Present **ADJUNCT PROFESSOR**, Johns Hopkins Bloomberg School of Public Health, Department of Epidemiology, Baltimore, Maryland.
- 1996 – 2001 **ADJUNCT ASSOCIATE PROFESSOR**, Johns Hopkins School of Hygiene and Public Health, Department of Epidemiology, Baltimore, Maryland.
- 1993 – 1996 **ASSOCIATE PROFESSOR**, Joint Appointment, Johns Hopkins School of Hygiene and Public Health, Department of Environmental Health Sciences, Baltimore, Maryland.
- 1990 – 1996 **ASSOCIATE PROFESSOR**, Johns Hopkins School of Hygiene and Public Health, Department of Epidemiology, Occupational and Environmental Epidemiology Program, Baltimore, Maryland.
- 1984 – 1990 **ASSISTANT PROFESSOR**, Johns Hopkins School of Hygiene and Public Health, Department of Epidemiology, Occupational and Environmental Epidemiology Program, Baltimore, Maryland.
- 1991 – 1994 **CONSULTANT**, National Cancer Institute, Environmental Epidemiology Branch, Occupational Studies Section, Bethesda, Maryland. Involved in developing a new data collection model for occupational exposure assessment in case-control studies that was used in a brain cancer and cell phone case-control study.
- Sept. – Dec. 1988 **VISITING LECTURER**, St. Thomas' Campus, United Medical and Dental Schools of Guy's and St. Thomas's Hospitals (University of London), Division of Community Health, London, England.
- 1979 – 1980 **STATISTICIAN (PUBLIC HEALTH)**, National Center for Health Statistics, Office of Research, Department of Health and Human Resources, Hyattsville, Maryland.
- 1978 – 1979 **PUBLIC HEALTH ANALYST**, Health Resources Administration, Bureau of Health Planning, Public Health Service.

## **PROFESSIONAL ACTIVITIES**

### **Society Memberships:**

- 1978 - Present Society for Epidemiologic Research
- 1982 - Present American Association for the Advancement of Science
- 1990 - Present American Pain Society
- 1991 - Present American Association for the Study of Headache

**Consultant to:**

Environmental Protection Agency as a critical reviewer of occupational studies of cancer risks from nickel, benzene, TCE, Chromium, and DBCP, 1986-1989.

National Cancer Institute to critically review literature on racial differences in cancer risks from occupational exposures, 1986.

Occupational Safety and Health Administration on workplace exposure standard for asbestos exposure, 1986.

Environmental Protection Agency. Co-authored appendix on effects of smoker misclassification on passive smoking risk estimates as part of the EPA criterion document for passive smoke exposure, 1991.

Department of Neurology, Albert Einstein College of Medicine, New York City, N.Y. Consulting epidemiologist on longitudinal study of dementia, 1992-.

Department of Neurology, University of Maryland School of Medicine. Consulting epidemiologist on a case-control study of early onset stroke and migraine headache, 1992-.

**EDITORIAL ACTIVITIES****Reviewer for:**

Neuroepidemiology (Editorial Board Member)

American Journal of Epidemiology

Epidemiology Review

American Journal of Public Health

Cephalalgia

JAMA

Neurology

**Public Health Service Review Committees:**

Center for Disease Control, Review Committee for Injury Epidemiology, 1986, 1989.

National Cancer Institute, Review Committee on Benign Breast Disease, March, 1987.

National Cancer Institute, Development, Validation, and Application of Biochemical Markers, March, 1988.

National Cancer Institute, Small Grants Program, 1989 – 1993.

National Institutes of Health, Epidemiology & Disease Control Study Section II, 1994 –1996.

**PUBLICATIONS**

## Book Chapters

Linet M and Stewart WF. The epidemiology of migraine headaches. In: Blau JN (ed). *Migraine, Clinical, Therapeutic, Conceptual, and Research Aspects*. London: Chapman and Hall, 1987.

Schwartz BS, Stewart WF. Review of "Advances in Neurobehavioral Toxicology: Applications in Environmental and Occupational Health" [book review]. *Am J Epidemiol*, 134:709-710, 1991

Stewart WF, Lipton RB. Societal Impact of Headache. In: Olesen J, Tfelt-Hansen P, Welch KMA (eds). *The Headaches*, Raven Press, LTD., New York, 29-34, 1993.

Stewart WF, Lipton RB. Migraine Epidemiology in the United States. In: Olesen J (ed). *Headache Classification and Epidemiology*. Raven Press, LTD, New York, 239-246, 1994.

Stewart WF, Lipton RB. Epidemiology of migraine: A meta-analytic review. In: Olesen J (ed.) *Headache classification and epidemiology*. Raven Press, New York, 327-334, 1994.

Lipton RB, Stewart WF. Epidemiology of Migraine and Other Primary Headache Disorders. In: Gorelick PB, Alter M (eds). *Handbook of Neuroepidemiology*. Marcel Dekker, New York, 357-377, 1994.

Lipton RB, Stewart WF, Von Korff M. The global impact of migraine. In: Rose, C.F. (ed.). *New Advances in Headache Research: 4*. Smith-Gordon, London, England, 43-50, 1994.

Lipton RB, Stewart WF, Von Korff M. Individual and societal impact of migraine. In: Olesen J (ed.) *Headache Classification and Epidemiology*, Raven Press, New York, 325-331, 1994.

Lipton RB, Stewart WF, Cady RK. Impact of migraine: Implications for primary care. In: Cady RK, Fox A (eds.), *Migraine headache: Novel drug therapy*, Marcel Dekker, New York, 61-74, 1994.

Lipton RB, Stewart WF. Improving the diagnosis and treatment of migraine. *CME Monograph*, University of Arizona, 1994.

Lipton RB, Stewart WF, Cady RK. Epidemiology of Migraine: Implications for primary care. In: Cady RK, Fox A (eds). *Migraine headache: novel drug therapy*. Marcel Dekker, New York, 61-74, 1994.

Lipton RB, Stewart WF, Von Korff M. The global impact of migraine. In Rose, F.C. (ed.), *New Advances in Headache Research:4*. Smith-Gordon, London, England, 43-50, 1994.

Lipton RB, Stewart WF. Impact of Migraine. In: Cady RK, Fox A (eds.). *Treating the Headache Patient*. Marcel Dekker, New York, 61-73, 1995.

Stewart WF, Gordon B. Amateur Boxing: Is there a Risk of Brain Injury? In: Cantu RC (ed.) *Boxing and Medicine*. Human Kinetics, Illinois, 33-64, 1995.

Rothman N, Stewart WF, Rabkin C, Schulte PA. Biomarkers of early biologic effect: development, validation, and application. In: Mendelsohn ML, Peeters JP, Normandy MJ, eds. Biomarkers and occupational health: progress and perspectives. Joseph Henry Press, Washington DC, 109-15, 1995.

Lipton RB, Stewart WF, VonKorff M. Measuring impact in headache clinical trials beyond. In: Olesen J, Tfelt-Hansen P (eds.) Headache Treatment: Trial Methodology and New Drugs, Raven Press, New York, New York, pp.79-85, 1997.

Stewart WF, Lipton RB. Population-based clinical trials in headache. In: Olesen J, Tfelt-Hansen P (eds.), Headache Treatment: Trial Methodology and New Drugs, Raven Press, New York, New York, pp. 65-70, 1997.

Lipton RB, Stewart WF. Epidemiology and comorbidity of migraine. In: Goadsby PJ, Silberstein SD (eds.), Headache, Butterworth-Heinemann, Ltd., London, England, pp. 75-96, 1997.

Lipton RB, Stewart WF. Epidemiology of headache. Neurologic Clinics of North America (in press).

Scher AI, Stewart WF, Lipton RB. Migraine and headache: a meta-analytic approach. In: Crombie, I.K., (ed), Epidemiology of Pain, IASP Press, Seattle, Washington, pp. 159-170, 1999.

Rothman N, Garcia-Closas M, Stewart WF, Lubin J. Chapter 9. The impact of misclassification in case-control studies of gene-environment interactions, in Metabolic Polymorphisms and Susceptibility to Cancer, Edited by: P Vineis, N Malats, M lang, A d'Errico, N Caporaso, J Cuzick, P Boffetta, IARC Scientific Publication No. 148, 1999, Lyon, France.

Hamelsky SW, Stewart WF, Lipton RB. Epidemiology of headache in women: emphasis on migraine. In Goldman, M. and Hatch, M. (eds), Women and Health, Academic Press, New York, New York, pp. 1084-1097, 2000.

Lipton RB, Stewart WF, Scher AI. Epidemiology of migraine. In Diener, H.C. (ed) Drug Treatment of Migraine and Other Frequent Headaches, Monographs in Clinical Neuroscience, Basel, Karger, Vol. 17, pp 2-15, 2000.

## Journal Articles

Pulver AE, Stewart WF, Carpenter WT, Childs B: Risk factors in schizophrenia: Season of birth in Maryland, USA. *Brit J of Psychiatry*, 143:389-96, 1983.

Linnet MS and Stewart WF: Migraine headache: Epidemiologic perspectives, *Epi Reviews*, 6:107-39, 1984.

Boyd JH, Pulver AE and Stewart WF. Season of birth: Schizophrenia and bipolar disorder, *Schizophrenia Bulletin*, 12(2):173-86, 1986.

Liang KY and Stewart WF. Polychotomous logistic regression models for Case-control studies, *Am J Epidemiol*, 125(4):720-30, 1987.

Linnet MS, Stewart WF, VanNatta ML, Brookmeyer R, McCaffrey LD, and Szklo MA. Comparison of methods for obtaining occupational exposure information in a case control interview study of chronic lymphocytic leukemia. *JOM*, 29(2):136-44, 1987.

Khoury MJ, Stewart WF, and Beaty TH. The effects of gene-environment interaction on relative risk and familial aggregation. *Am J Epidemiol*, 126(4):561-67, 1987.

Stewart WF, Tonascia J, and Matanoski GM. The validity of work histories reported from live respondents. *JOM*, 29(10):795-800, 1987.

Khoury MJ, Stewart WF, Weinstein A, et al. Residential mobility during pregnancy: Implications for environmental teratogenesis. *J Clin Epi*, 41(1):15-20, 1988.

Stewart WF and Hunting K. The mortality odds ratio, proportionate mortality ratio, and the healthy worker effect. *Am J Indust Med*, 14(3):345-53, 1988.

Linnet MS, Stewart WF, Celentano DD, Ziegler D, Sprecher M. An epidemiologic study of headache among adolescents and young adults. *JAMA*, 261(15):2211-16, 1989.

Stewart WF, Linnet MS, Celentano DD. Migraine headaches and panic attacks. *J Psychosom Med*, 51(5):559-70, 1989.

Stewart WF, Brookmeyer R, and Van Natta ML. Estimating age incidence from survey data with adjustments for recall errors. *J Clin Epi*, 42(9):869- 75, 1989.

Stewart WF, Celentano DD, Linnet MS. Disability, physician consultation, and use of prescription medications in a population based study of headache. *Biomedicine and Pharmacotherapy*, 43:711-718, 1989.

Brandt J, Celentano DD, Stewart WF, Linnet MS, Folstein M. Personality and emotional disorder in a community sample of migraine headache sufferers. *Am J Psychiatry*, 147(3):303-308, 1990.

Celentano DD, Linet MS, Stewart WF. Gender differences in the experience of headache. Social Sciences and Medicine, 30(12):1289-95, 1990.

Celentano DD, Stewart WF, Linet MS. The relationship of headache symptoms with severity and duration of attacks. J Clin Epidemiol, 43(9):983-94, 1990.

Linet MS, Celentano DD, Stewart WF. Headache characteristics associated with physician utilization. Results from a population-based survey. Am J Prev Med, 1(7):40-5, 1991.

Hakim R, Stewart WF, Tielsch J, Canner J. Occupational lead exposure and strabismus in offspring: a case-control study. Am J Epidemiol, 133(4):351-6, 1991.

Stewart WF, Linet MS, Celentano DD, VanNatta M, Ziegler D. Age and sex specific incidence rates of migraine with and without visual aura. Am J Epidemiol, 134(10):1111-1120, 1991.

Theorell T, de Faire U, Johnson J, Hall E, Perski A, Stewart W. Job Strain and Ambulatory Blood Pressure Profiles. Scand J Work Environ Health, 17:380-385, 1991.

Johnson JF, Hall EM, Stewart WF, Fredlund P, Theorell T. Combined exposure to adverse work organization factors and cardiovascular disease: towards a life-course perspective. In: Fechter L (Eds). Proceedings of the 4th International Conference on the Combined Effects of Environmental Factors, pp. 117-121, 1991.

Stewart WF, Correa-Villaseñor A. Classification error and low exposure prevalence in community based case-control studies. Appl Occup Environ Hyg, 6:534-40, 1991.

Stewart WF, Lipton RB, Celentano DD, Reed ML. Prevalence of Migraine Headache in the United States: Relation to age, income, race, and other sociodemographic factors. JAMA, 267:64-69, 1992.

Lipton RB, Stewart WF, Solomon S. Letter: Questionnaire versus Clinical Interview in the Diagnosis of Headache. Headache, 32(1):55-56, 1992.

Linet MS, Ziegler D, Stewart WF. Headaches preceded by visual aura among adolescents and young adults: A population based survey. Arch Neurol, 49:512-516, 1992.

Lipton RB, Stewart WF, Celentano DD, Reed ML. Undiagnosed migraine: A comparison of symptom-based and physician diagnosis. Arch Int Med, 152:1273-1278, 1992.

Morabia A, Szklo M, Stewart W, Schuman L, Thomas DB, Zacur H.A. Thyroid hormones and duration of ovulatory activity in the etiology of breast cancer. Cancer Epidemiology, Biomarkers & Prevention, 1:389-393, 1992.

Yang P, Beaty TH, Khoury MJ, Chee E, Stewart W, Gordis L. Genetic-epidemiologic study of omphalocele and gastroschisis: Evidence for heterogeneity. Am J Med Genet 44:668-675, 1992.

Lipton RB, Stewart WF, Solomon S. Questionnaire versus clinical interview in the diagnosis of migraine (letter). Headache 32(1):55-56, 1992.

Celentano DD, Stewart WF, Lipton RB, Reed ML. Medication use and disability among migraineurs. Headache, 32:223-228, 1992.

Stewart WF, Shechter A, Liberman J. Physician consultation for headache pain and history of panic: Results from a population-based study. Am J Med, 92(1A):35S-40S; 1992.

Yang P, Khoury MJ, Beaty TH, Stewart W. Letter to the editor: Reply to Dr. Hook - Does ascertainment bias contribute to the reported association of omphalocele and gastroschisis with other birth defects in families but not in individuals? Am J Med Genet, 47:436, 1993.

Park CH, Stewart W, Khoury MJ, Mulinare J. Is there etiologic heterogeneity between upper and lower neural tube defects? Am J Epidemiol, 136:1493-1501, 1993.

Johnson JV, Stewart WF. Measuring work organization exposure over life course with a job-exposure matrix. Scand J Work Environ Health, 19:21-28, 1993.

Nuwayhid IA, Stewart W, Johnson JV. Work activities and the onset of first-time low back pain among New York City Firefighters. Am J Epidemiol, 137:539-548, 1993.

Lipton RB, Stewart WF, Merikangas KR. Reliability in headache diagnosis. Cephalalgia, 13(Suppl 12):29-33, 1993.

Morabia A, Szklo M, Stewart W, Schuman L, Thomas DB. Consistent lack of association between breast cancer and oral contraceptives using either hospital or neighborhood controls. Preventive Medicine, 22:178-186, 1993.

Lipton RB, Stewart WF. Migraine in the United States: Epidemiology and medical utilization. Neurology, 43(Suppl 3):S6-S10, 1993.

Stewart WF, Lipton RB. Migraine headache: Epidemiology and health care utilization. Cephalalgia, 13(Suppl 12):41-6, 1993.

Schwartz BS, Bolla KI, Stewart W, Ford DP, Agnew J, Frumkin H. Decrements in neurobehavioral performance associated with mixed exposure to organic and inorganic lead. Am J Epidemiol, 137:1006-21, 1993.

Ouellet-Hellstrom R, Stewart WF. Miscarriages among female physical therapists who report using radio and microwave frequency electromagnetic radiation. Am J Epidemiol, 138:775-86, 1993.

Stewart WF, Gordon B, Selnes O, Bandeen-Roche K, Zeger S, Tusa RJ, Celentano, DD, Shechter A, Liberman J, Hall C, Simon D, Lesser R, Randall RD. Prospective study of central nervous system function in Amateur Boxers in the United States. Am J Epidemiol, 139:573-88, 1994.

Lipton RB, Stewart WF. Evaluating the IHS criteria (Editorial). Cephalalgia, 14:3-4, 1994.

Lipton RB, Stewart WF. An update on migraine epidemiology. Headache, 34:319-328, 1994.

Lipton RB, Stewart WF. The burden of migraine. Pharmaco Economics, 6(3):215-221, 1994.

Rothman N, Stewart W, Caporaso NE, Hayes RB. Misclassification of genetic susceptibility biomarkers: Implications for case control studies and cross population comparisons. Cancer Epidemiology, Biomarkers & Prevention, 2:299-303, 1994.

Correa A, Stewart WF, Yeh H-C, Santos-Burgoa C. Exposure measurement in case-control studies: Reported methods and recommendations. Epidemiologic Reviews, 16:18-32, 1994.

Yang P, Khoury MJ, Beaty TH, Stewart W, Beatty JC, Diamond E, Gordis L. Comparative epidemiology of selected congenital abnormalities. Genetic Epidemiology, 11:141-154, 1994.

Staffa JA, Lipton RB, Stewart WF. The epidemiology of migraine. Rev Contemp Pharmacother, 5:241-252, 1994.

Tusa RJ, Stewart WF, Shechter AL, Simon D, Liberman JN. Longitudinal study of brainstem auditory evoked potentials in 87 normal human subjects. Neurology, 44:528-532, 1994.

Stewart PA, Stewart WF. Occupational case-control studies: Recommendations for exposure assessment. Am J Ind Med, 26:313-326, 1994.

Stewart WF, Stewart PA. Occupational case-control studies: Collecting information on work histories and work related exposures. Am J Ind Med, 26:297-312, 1994.

Stewart WF, Shechter A, Rasmussen BK. Migraine prevalence: A review of population based studies. Neurology (Suppl 4):S17-S23, 1994.

Stewart WF, Shechter A, Lipton RB. Migraine heterogeneity: Disability, pain intensity, and attack frequency and duration. Neurology, 44(Suppl 4):S24-S39, 1994.

Stewart WF, Lipton RB (Guest editors). The impact of migraine. Neurology, 44 (Suppl 4):S5-S6, 1994.

Von Korff M, Stewart WF, Lipton RB. Assessing headache severity: New directions. Neurology, 44(Suppl 4):S40-S46, 1994.

Lipton RB, Stewart WF. The epidemiology of migraine. European Neurology, 34 (Suppl 2):6-11, 1994.

Stewart WF, Lipton RB. The economic and social Impact of migraine. European Neurology, 34(Suppl 2):12-17, 1994.

Stewart WF, Lipton RB. Epidemiologic clues to the classification of primary headache disorders. (Editorial). Cephalalgia, 14(2):77, 1994.

Stewart WF, Breslau N, Keck P. Jr. Comorbidity of migraine and panic disorder. Neurology, 44(Suppl 7):S23-S27, 1994.

Lieberman J, Stewart W, Selnes O, Gordon B. Rater agreement for the Rey-Osterrieth Complex Figure Test. J Clin Psych, 50(4):615-624, 1994.

Schwartz BS, McGrail MP, Stewart W, Pluth T. Comparison of measures of lead exposure, dose, and chelatable lead burden after provocative chelation in organolead workers. Occup & Environ Med, 51:669-673, 1994.

Kawas C, Segal J, Stewart WF, Corrada-Bravo M, Thai L. Validation of an informant questionnaire for dementia diagnosis. Archives of Neurology, 51:901-905, 1994.

Stewart WF, Lipton RB. International comparisons in migraine epidemiology. Cephalalgia, 15:449-450, 1995.

Stewart WF, Simon D, Shechter A, Lipton RB. Population variation in migraine prevalence; a meta-analysis. J Clin Epidemiol, 48:269-280, 1995.

Lee B-K, Schwartz BS, Stewart W, Ahn K-D. Urinary lead excretion after DMSA and EDTA: evidence for differential access to lead storage sites. Occup Environ Med, 52:13-19, 1995.

Balbus-Kornfeld JM, Stewart WF, Bolla KI, Schwartz BS. Cumulative inorganic lead exposure and neurobehavioural test performance in adults: An epidemiological review. Occup Environ Med, 52:2-12, 1995.

Bolla KI, Schwartz BS, Stewart W, Agnew J, Ford DP. A comparison of neurobehavioral function in lead and solvent exposed workers. Am J Indus Med, 27(2):231-246, 1995.

Stewart PA, Stewart WF. An international effort to improve methods of data collection and exposure assessment for community-based case-control studies of occupational disease. Int J Occup Environ Health, 1:37-38, 1995.

Lee B-K, Schwartz BS, Stewart W, Ahn K-D. Provocative chelation with DMSA and EDTA: Evidence for differential access to lead storage sites. Occup Environ Med, 52:13-19, 1995.

Correa-Villaseñor A, Stewart WF, Francisco Franco-Marina, Seacat H. Bias from nondifferential misclassification in case-control studies with three exposure levels. Epidemiology, 6:276-281, 1995.

Rothman N, Stewart WF, Schulte PA. Incorporating biomarkers into cancer epidemiology: A matrix of biomarker and study design categories. Cancer Epi, Biomarkers & Prevention, 4:301-311, 1995.

Lipton RB, Stewart WF. Health-related quality of life in headache research (editorial). Headache, 35:447-448, 1995.

Schwartz BS, Lee B-K, Stewart WF, Ahn K-D, Kelsey K. Associations of  $\delta$ -aminolevulinic acid dehydratase genotype with lead exposure, blood lead levels, and zinc protoporphyrin levels in Korean lead workers. Am J Epidemiol, 142:738-745, 1995.

Johannes CB, Linet MS, Stewart WF, Celentano DD, Lipton RB, Szklo MD. Relationship of Headache to Phase of the Menstrual Cycle Among Young Women: A Daily Diary Study. Neurology, 45:1076-1082, 1995.

Lipton RB, Stewart WF, Von Korff M. Migraine impact and functional disability. Cephalalgia, 15(Suppl 15):4-9, 1995.

McGrail M, Schwartz BS, Stewart WF, Bolla KI. Predictors of blood lead levels in organolead manufacturing workers. J Occ Env Med, 37:1224-1229, 1995.

Blair A, Stewart WF, Stewart PA, Sandler DP, Axelson O, Vineis P, Checkoway H, Savitz D, Pearce N, Rice C. A philosophy for dealing with hypothesized uncontrolled confounding in epidemiologic investigations. Med Lav, 86:106-110, 1995.

Johnson JV, Stewart WF, Hall EM, Fredlund P, Theorell T. Long-term psychosocial work environment and cardiovascular mortality among Swedish men. Am J Pub Health, 86:324-329, 1996.

Stewart WF, Stewart PA, Heineman EF, White D, Dosemeci M, Ward MH. A method for collecting work history information in occupational community-based case-control studies. Occupational Hygiene, 3:145-152, 1996.

Stewart WF, Lipton RB, Simon D. Work-related disability: results from the American migraine study. Cephalalgia, 16:231-238, 1996.

Stewart WF, Lipton RB, Liberman J. Variation in migraine prevalence by race. Neurology, 47:52-59, 1996.

Sliwinski M, Lipton RB, Buschke H, Stewart WF. The effects of preclinical dementia on estimates of normal cognitive function in aging. Journal of Gerontology: Psychological Sciences, 51B:217-225, 1996.

Stewart PA, Stewart WF, Heineman EF, Dosemeci M, Linet M, Inskip PD. A novel approach to data collection in a case-control study of cancer and occupational exposures. International Journal of Epidemiology, 25(4):744-753, 1996.

Lipton RB, Stewart WF. Migraine epidemiology: perspectives for the primary care provider. Headache Quarterly (Suppl), 8:15-21. 1997.

Stewart WF, Kawas C, Corrada M, Metter JE. Risk of Alzheimer's Disease and use of NSAIDs. Neurology, 48:616-632, 1997.

Sliwinski M, Buschke H, Lipton RB, Stewart WF, Masur D. The effect of dementia risk factors on comparative and diagnostic Selective Reminding norms. Journal of the International Neuropsychological Society, 3:317-326, 1997.

Stewart WF, Lipton RB, Staffa JA, Juo H. Familial risk of migraine: A population-based study. Ann of Neurol, 41:166-172, 1997.

Schwartz BS, Stewart WF, Lipton RB. Lost work days and decreased work effectiveness associated with headache in the work place. J Occupational Environmental Medicine, 39(4): 320-327, 1997.

Schwartz BS, Lee B-K, Stewart W, Ahn K-D, Kelsey K, Bressler J. Subtypes of hemoglobin are associated with  $\delta$ -aminolevulinic acid dehydratase genotype and DMSA-chelatable lead levels. Arch Env Health, 52(2):97-103, 1997.

Schwartz B, Lee B-K, Stewart W, Sithisarankul P, Strickland PT, Ahn K-D, Kelsey K.  $\delta$ -aminolevulinic acid dehydratase genotype modifies four-hour urinary lead excretion after oral administration of dimercaptosuccinic acid. Occup Env Med, 54, 241-246, 1997.

Lipton RB, Stewart WF. Clinical applications of zolmitriptan (Zomig<sup>TM</sup>, 311C90). Cephalalgia, 17(Suppl 18):53-59, 1997.

Balbus JM, Stewart WF, Bolla K, Schwartz BS. Simple visual reaction time and mixed organic and inorganic lead exposure: Comparison of different methods of modeling lead exposure and reaction time. Am J Ind Med, 32:544-549, 1997.

Lipton RB, Stewart WF, Von Korff M. Burden of Migraine: Societal costs and therapeutic opportunities. Neurology, 48(suppl 3):S4-S9, 1997.

Lipton RB, Stewart WF. Prevalence and impact of migraine. Neurologic Clinics, 15:1-13, 1997.

Lipton RB, Stewart WF. Migraine headaches: epidemiology and comorbidity. Clinical Neuroscience, 5:1-9, 1998.

Stewart WF, Lipton RB, Liberman J, Von Korff M, Liberman J. Reliability of an illness severity measure for headache in a population sample of migraine sufferers. Cephalalgia, 18(1):44-51, 1998.

Lipton RB, Stewart WF, Simon D. Medical consultation for migraine: results from the American Migraine Study. Headache 38:87-96, 1998.

Balbus JM, Stewart WF, Bolla K, Schwartz BS. Simple visual reaction time in organolead manufacturing workers: influence of the inter-stimulus interval. Archives of Environmental Health, 53(4):264-270, 1998.

Schwartz BS, Stewart WF, Simon D, Lipton RB. Epidemiology of tension-type headache. JAMA, 279:381-383, 1998.

Lipton RB, Stewart WF, Ryan RE Jr., Saper J, Silberstein S, Sheftell F. Efficacy and safety of the nonprescription combination of acetaminophen, aspirin, and caffeine in alleviating headache pain of an acute migraine attack. Three double-blind, placebo-controlled trials. Archives of Neurology, 55:210-217, 1998.

Von Korff M, Stewart WF, Simon D, Lipton RB. Migraine and reduced work performance: A population-based diary study. Neurology, 50:1741-1745, 1998.

Stewart PA, Stewart WF, Siemiatycki J, Heineman EF, Dosemeci M. Questionnaires for collecting detailed occupational information for community based case-control studies. Am Ind Hyg Assoc J, 58:39-44, 1998.

Scher AI, Stewart WF, Liberman J, Lipton RB. Prevalence of frequent headache in a population sample. Wolfe Award. Headache, 38: 497-506, 1998.

Schwartz BS, Stewart WF, Todd AC, Links JM. Predictors of DMSA-chelatable lead levels and tibial lead levels in organolead manufacturing workers. Occup Environ Med, 56:22-29, 1999.

Stewart WF, Schwartz BS, Simon D, Bolla K, Todd AC, Links J. Neurobehavioral function and tibial and chelatable lead levels in 543 former organolead workers. Neurology, 52:1610-1617, 1999.

Silberstein SD, Armellino JJ, Hoffman HD, Battikha JP, Hamelsky SW, Stewart WF, Lipton RB. Treatment of menstruation-associated migraine with the nonprescription combination of aspirin, acetaminophen, and caffeine: results from three randomized, placebo-controlled studies. Current Therapeutics, 21:475-491, 1999.

Hu HX, Markson LE, Lipton RB, Stewart WF, Berger ML. Burden of migraine in the United States: Disability and economic costs. Archives of Internal Medicine, 159:813-818, 1999.

Stewart WF, Lipton RB, Simon D, Liberman J, Von Korff M. Validity of an illness severity measure for headache in a population sample of migraine sufferers. Pain, 79(2-3):291-301, 1999.

Bandeem-Roche K, Hall CB, Stewart WF, Zeger SL. Modeling disease progression in terms of exposure history. Statistics in Medicine, 18:2899-2916, 1999.

Stewart WF, Lipton RB, Whyte J, Dowson A, Kolodner K, Liberman J, Sawyer J. An international study to assess reliability of the Migraine Disability Assessment (MIDAS) score. Neurology, 53:988-994, 1999.

Stewart WF, Liberman J, Sandler RS, Woods MS, Stemhagen A, Chee E, Lipton RB, Farup CE. Epidemiology of constipation (EPOC) study in the United States: Relation of clinical subtypes to sociodemographic features. Am J Gastroenterol, 94(12):3530-3540, 1999.

Lipton RB, Stewart WF. Acute migraine therapy: do doctors understand what migraine patients want from therapy? Headache, 39(Suppl 2):S20-S26, 1999.

- Stewart WF, Lipton RB, Kolodner K, Liberman J, Sawyer J. Reliability of the Migraine Disability Assessment Score (MIDAS) in a population-based sample of headache sufferers. Cephalalgia, 19:107-114, 1999.
- Buschke H, Kuslansky G, Katz M, Stewart WF, Sliwinski M, Eckholdt H, Lipton RB. Screening for dementia with the Memory Impairment Screen. Neurology, 52:231-238, 1999.
- Lipton RB, Diamond S, Reed M, Stewart WF. The burden of migraine: compelling insights from the American Migraine Studies. Consultant, 40:S8-S12, 2000.
- Schwartz BS, Stewart WF. Different associations of blood lead, meso-2,3-dimercaptosuccinic acid (MDSA)-chelatable lead, and tibial lead levels with blood pressure in 543 former organolead manufacturing workers. Arch Environ Health 55: 85-92, 2000
- Lipton RB, Hamelsky SW, Kolodner K, Steiner TJ, Stewart WF. Migraine, quality of life and depression: a population-based case-control study. Neurology 55(5):629-635, 2000.
- Kellstein DE, Lipton RB, Geetha R, Koronkiewicz K, Evans FT, Stewart WF, Wilkes K, Furey SA, Subramanian T, Cooper SA. Evaluation of a novel solubilized formulation of ibuprofen in the treatment of migraine headache: a randomized, double-blind, placebo-controlled, dose-ranging study. Cephalalgia 20: 233-43, 2000
- Breslau N, Schultz LR, Stewart WF, Lipton RB, Lucia V, Welch KMA. Headache and major depression: Is the association specific to migraine? Neurology, 54:308-313, 2000.
- Ricci JA, Stewart WF, Gerstenblith J, Murphy S. Evaluation of physicians' knowledge of asthma diagnosis and treatment guidelines in a health maintenance organization. Pediatric Asthma, Allergy, & Immunology, 14(4):277-285, 2000.
- Schwartz BS, Stewart WF, Todd AC, Simon D, Links JM. Different associations of blood lead, DMSA-chelatable lead, and tibial lead levels with blood pressure in 543 former organolead manufacturing workers. Arch Environ Health, 55:85-92, 2000.
- Ricci JA, Siddique R, Stewart W, Sandler R, Sloan S, Farup C. Upper gastrointestinal symptoms in a U.S. national sample of adults with diabetes. Scandinavian Journal of Gastroenterology, 35:152-159, 2000.
- Schwartz BS, Stewart WF, Kelsey KT, Simon D, Park S, Links JM, Todd AC. Associations of tibial lead levels with *Bsm1* polymorphisms in the vitamin D receptor in former organolead manufacturing workers. Environ Health Perspect, 108:199-203, 2000.
- Sandler RS, Stewart WF, Liberman JN, Ricci JA, Zorich N. Abdominal pain, bloating and diarrhea in the United States: prevalence and impact. Digestive Diseases and Sciences, 45:1166-1171, 2000.
- Hall CB, Lipton RB, Sliwinski M, Stewart WF. A change point model for estimating the onset of cognitive decline in preclinical Alzheimer's Disease. Statistics in Medicine, 19:1555-1566, 2000.

Milson I, Stewart WF, Thuroff J. The prevalence of overactive bladder. *Am J Manag Care.* 6: S565-73, 2000

Stewart WF, Lipton RB, Kolodner KB, Sawyer J, Lee C, Liberman J. Validity of the Migraine Disability Assessment (MIDAS) score in comparison to a diary-based measure in a population sample of migraine sufferers. *Pain*, 88(1):41-52, 2000.

Schwartz BS, Lee B-K, Lee G-S, Stewart WF, Simon D, Kelsey K, Todd AC. Associations of blood lead, DMSA-chelatable lead, and tibia lead with polymorphisms in the vitamin D receptor and  $\delta$ -aminolevulinic acid dehydratase genes. *Environ Health Perspect*, 108:949-954, 2000.

Schwartz BS, Stewart WF, Bolla KI, Simon D, Bandeen-Roche K, Gordon B, Links JM, Todd AC,. Past adult lead exposure is associated with longitudinal decline in cognitive function. *Neurology*, 55:1144-1150, 2000.

Lipton RB, Stewart WF, Cady R, Hall C, O'Quinn S, Kuhn T, Gutterman D, Cady R. 2000 Wolfe Award: Sumatriptan for the Range of Headaches in Migraine Sufferers: Results of the Spectrum Study. *Headache*, 40:783-791, 2000.

Cady R, Lipton R, Hall C, Stewart W, O'Quinn S. Treatment of mild headache in disabled migraine sufferers: results of the Spectrum Study. *Headache*, 40:792-797, 2000.

Lipton RB, Stewart WF, Stone AM, Lainez MJA, Sawyer JPC. Stratified Care vs. Step Care Strategies for Migraine: the Disability in Strategies of Care (DISC) Study: A Randomized Trial. *JAMA* 284:2599-2605, 2000.

Stewart WF, Lipton RB, Chee E, Sawyer J, Silberstein SD. Menstrual cycle and headache in a population-based sample of migraineurs: results from a diary study. *Neurology*, 55:1517-1523, 2000.

Lipton RB, Baggish JE, Stewart WF, Codispoti J, Fu M. Efficacy and safety of acetaminophen in the nonprescription treatment of migraine. *Archives of Internal Medicine*, 160:3486-3492, 2000.

Lipton RB, Stewart WF, Scher AI. Epidemiology and economic impact of migraine. *Curr Med Res Opin* 17: S4-12, 2001

Lipton RB, Stewart WF, Goadsby PJ. Headache-related disability in the management of migraine. *Neurology*, 56 (Suppl 1):S1-S3, 2001.

Stewart WF, Lipton RB, Dowson AJ, Sawyer J. Development and testing of the Migraine Disability Assessment (MIDAS) Questionnaire to assess headache-related disability. *Neurology*, 56(Suppl 1):S20-S28, 2001.

Lipton RB, Hamelsky SW, Stewart WF. Epidemiology of headache. *Current Pain and Headache Reports*, 5:189-194, 2001.

Sandberg G, Stewart W, Smialek J, Troncoso JC. The prevalence of neuropathological lesions of Alzheimer's disease is independent of race and gender. Neurobiology of Aging, 22: 169-175, 2001.

Breslau N, Schultz LR, Stewart WF, Lipton RB, Welch KMD. Headache types and panic disorder: directionality and specificity. Neurology, 56:350-354, 2001

Links JM, Schwartz BS, Simon D, Stewart WF. The influence of toxicant "residence time" and bioavailability from body stores in estimation of cumulative target organ dose: application to lead-associated neurocognitive decline. Environ Health Perspect, 109:361-368, 2001.

Glenn BS, Stewart WF, Schwartz BS, Bressler J. Relation of alleles of the sodium-potassium adenosine triphosphatase q2 gene with blood pressure and lead exposure. Am J Epidemiol, 153:537-545, 2001.

Schwartz BS, Lee B-K, Lee G-S, Stewart WF, Lee S-S, Hwang K-Y, Ahn K-D, Kim Y-B, Bolla KI, Simon D, Parsons PJ, Todd AC. Associations of blood lead, DMSA-chelatable lead and tibia lead with neurobehavioral test scores in South Korean lead workers. Am J Epidemiol, 153:453-464, 2001.

Lee B-K, Lee G-S, Stewart WF, Ahn KD, Simon D, Kelsey KT, Todd AC, Schwartz BS. Associations of blood pressure and hypertension with lead dose measures and polymorphisms in the vitamin D receptor and  $\delta$ -aminolevulinic acid Dehydratase genes. Environ Health Perspect, 109(4):383-389, 2001.

Tassler PL, Schwartz BS, Coresh J, Stewart WF, Todd AC. Associations of Tibia lead, DMSA-Chelatable Lead, and Blood Lead with measures of Peripheral Nervous System Function in Former Organolead Manufacturing Workers. American Journal of Industrial Medicine, 39:254-261, 2001.

Hamelsky SW, Stewart WF, Lipton RB. Epidemiology of migraine. Curr Pain Headache Rep 5: 189-94, 2001

Gyure KA, Durham R, Stewart WF, Smialek JE, Troncoso JC. Intraneuronal abeta-amyloid precedes development of amyloid plaques in Down syndrome. Arch Pathol Lab Med 125: 489-92, 2001

Liberman JN, Hunt TL, Stewart WF, Wein A, Zhou Z, Herzog AR, Lipton RB, Diokno AC. Health-related quality-of-life among adults with symptoms of overactive bladder: Results from a U.S. community -based survey. Urology, 57(6):1044-1050, 2001.

Lipton RB, Stewart WF, Diamond S, Diamond M, Reed M. Prevalence and burden of migraine in the United States: data from the American Migraine Study II. Headache, 41:646-657, 2001.

Lipton RB, Diamond S, Diamond M, Reed M, Stewart WF. Migraine diagnosis and treatment: results from the American Migraine Study II: Headache, 41:638-645, 2001.

Rothman M, Farup C, Stewart W, Helbers L, Zeldis J. Symptoms associated with gastroesophageal reflux disease: development of a questionnaire for use in clinical trials. *Dig Dis Sci* 46: 1540-9, 2001

Lee S-S, Lee B-K, Lee G-S, Stewart WF, Simon D, Kelsey K, Todd AC, Schwartz BS. Associations of DMSA-chelatable lead, tibia lead, and blood lead with hematopoietic outcomes in Korean lead workers. *Scand J Work Environ Health*, 27: 402-11, 2001.

Ricci JA, Baggish JS, Hunt TL, Stewart WF, Wein A, Herzog R, Diokno A. Coping strategies and healthcare-seeking behavior in a U.S. national sample of adults with symptoms suggestive of overactive bladder. *Clinical Therapeutics*, 23(8):1245-1259, 2001.

Lipton RB, Stewart WF, Sawyer, Edmeads JG. Clinical utility of an instrument assessing migraine disability: The Migraine Disability Assessment (MIDAS) questionnaire. *Headache* 41: 854-61, 2001

Lipton RB, Stewart WF, Reed M, Diamond S. Migraine's impact today. Burden of illness, patterns of care. *Postgraduate Medicine*, 109:38-45, 2001.

Lipton RB, Scher A, Stewart WF, Gabb MC, Silberstein SD. Frequent headache: a far too common problem. *Advanced Studies in Medicine*, 1:8-15, 2001.

Stewart W and Lipton R. Need for care and perceptions of MIDAS among headache sufferers study. *CNS Drugs* 16: S5-11, 2002

Hwang K-Y, Lee B-K, Bressler JP, Bolla KI, Stewart WF, Schwartz BS. Protein kinase C activity and the relations between blood lead and neurobehavioral function in lead workers. *Environ Health Perspect*, 110: 133-8, 2002

Shechter A, Stewart WF, Silberstein S, Lipton RB. Migraine and autonomic nervous system function in migraine: A population-based case control study. *Neurology* 58:422-427, 2002

Lipton RB, Scher AI, Kolodner K, Liberman J, Steiner TJ, Stewart WF. Migraine in the United States: epidemiology and patterns of health care use. *Neurology* 58: 885-94, 2002

Siddique R, Ricci JA, Stewart WF, Sloan S, Farup CE. Quality of life in a US national sample of adults with diabetes and motility-related upper gastrointestinal symptoms. *Dig Dis Sci* 47: 683-9, 2002

Stewart WF, Schwartz BS, Simon D, Kelsey K, Todd AC. Apolipoprotein E genotype, past adult lead exposure, and neurobehavioral function. *Environ Health Perspect*, 110(5): 501-506, 2002.

Liberman JN, Stewart W, Wesnes K, Troncoso JC, Eisenberg. Apolipoprotein E  $\epsilon$ 4 and short-term recovery from predominantly mild brain injury. *Neurology*, 58: 1038-44, 2002.

Lipton RB, Stewart WF, Liberman JN. Self-awareness of migraine: interpreting the labels that headache sufferers apply to their headaches. *Neurology* 58: S21-26, 2002

Lipton RB, Cady RK, Stewart WF, Wilks K, Hall C. Diagnostic lessons from the spectrum study. *Neurology* 58: S27-31, 2002

Stewart P, Rice C, Beatty P, Wilson B, Stewart W, Blair A. A qualitative evaluation of questions and responses from five occupational questionnaires developed to assess exposures. *Appl Occup Environ Hyg* 17: 444-53, 2002

Coyne K, Revicki D, Hunt T, Corey R, Stewart WF, Bentkover J, Kurth H, Abrams P. Psychometric Validation of an Overactive Bladder Symptom and Health-related Quality of Life Questionnaire: the OAB-q. *Qual Life Res*, 11: 653-74, 2002.

Schwartz BS, Stewart W, Hu H. Neurobehavioral testing in workers occupationally exposed to lead. *Occup Env Med* 59: 648-9, 2002

Hamajima N, et al. Alcohol, tobacco and breast cancer—collaborative reanalysis of individual data from 53 epidemiological studies, including 58,515 women with breast cancer and 95,067 women without disease. *Br J Cancer* 87: 1234-45, 2002

Scher IA, Lipton RB, Stewart WF. Risk factors for chronic daily headache. *Curr Pain Headache Rep* 6: 486-91, 2002

Wagner TH, Hu TW, Bentkover J, LeBlanc K, Stewart W, Corey R, Zhou Z, Hunt T. Health related consequences of overactive bladder. *Am J Manag Care* 8: S598-607, 2002

Glenn BS, Stewart WF, Links JM, Todd AC, Schwartz BS. The longitudinal association of lead with blood pressure. *Epidemiology* 14: 30-6, 2003

Lipton RB, Scher AI, Steiner TJ, Bigal ME, Kolodner K, Liberman JN, Stewart WF. Patterns of health care utilization for migraine in England and the United States. *Neurology* 60: 441-8, 2003

Scher AI, Lipton RB, Stewart WF. Habitual snoring as a risk factor for chronic daily headache. *Neurology* 60: 1366-8, 2003

Breslau N, Lipton RB, Stewart WF, Schultz LR, Welch KM. Comorbidity of migraine and depression: investigating potential etiology and prognosis. *Neurology* 60: 1308-12, 2003

Iigaya M, Sakai F, Kolodner KB, Lipton RB, Stewart WF. Reliability and validity of the Japanese Migraine Disability Assessment (MIDAS) Questionnaire. *Headache* 43: 343-52, 2003

Stewart WF, Lipton RB, Kolodner K. Migraine disability assessment (MIDAS) score: relation to headache frequency, pain intensity, and headache symptoms. *Headache* 43: 258-65, 2003

Vehmas AK, Kawas CH, Stewart Wf, Troncoso JC. Immune reactive cells in senile plaques and cognitive decline in Alzheimer's disease. *Neurobiol of Aging* 24: 321-31, 2003

Stewart WF, Van Rooyen JB, Cundiff GW, Abrams P, Herzog AR, Corey R, Hunt TL, Wein AJ. Prevalence and burden of overactive bladder in the United States. *World J Urol* 20: 327-36, 2003

Hu TW, Wagner TH, Bentkover JD, LeBlanc K, Piantentini A, Stewart WF, Corey R, Zhou SZ, Hunt TL. Estimated economic costs of overactive bladder in the United States. *Urology* 61: 1123-8, 2003

Lipton RB, Bigal ME, Kolodner K, Stewart WF, Liberman JN, Steiner TJ. The family impact of migraine: population-based studies in the USA and UK. *Cephalalgia* 23: 429-40, 2003

Lipton RB, Liberman JN, Kolodner KB, Bigal ME, Dowson A, Stewart WF. Migraine headache disability and health-related quality of life: a population based case-control study from England. *Cephalalgia* 23: 441-50, 2003

Stewart W, Schwartz B, Ricci J. Health-related workplace productivity measurement: adding to the list. *J Occup Environ Med* 45: 912-914, 2003

Steiner TJ, Scher AI, Stewart WF, Kolodner K, Liberman J, Lipton RB. The prevalence and disability burden of adult migraine in England and their relationships to age, gender, and ethnicity. *Cephalalgia* 23: 519-27, 2003

Lipton RB, Katz M., Kuslansky G, Sliwinski M, Stewart WF, Verghese J, Crystal H, Buschke H. Telephone screening for dementia with the memory impairment screen. *J Am Geriatr Soc* 51: 1382-90, 2003.

Weaver VM, B-K Lee, K-D Ahn, G-S Lee, A C Todd, W F Stewart, J Wen, D J Simon, P J Parsons, B S Schwartz. Associations of lead biomarkers with renal outcomes in Korean lead workers. *Occup Environ Med*, 2003; 60: 1-12

Weaver VM, Schwartz BS, Ahn KD, Stewart WF, Kelsey KT, Todd AC, Wen J, Simon DJ, Lustberg ME, Parsons PJ, Silbergeld EK, Lee BK. Associations of renal function with polymorphisms in the delta-aminolevulinic acid dehydratase, vitamin D receptor, and nitric oxide synthase genes in Korean lead workers. *Env Health Perspective* 111: 1613-19, 2003

Scher AI, Stewart WF, Ricci JA, Lipton RB. Factors associated with the onset and remission of chronic daily headache in a population based study. *Pain* 106: 81-9, 2003

Stewart WF, Ricci JA, Chee E, Hahn S, Morganstein D. Cost of Lost Productive Work Time Due to Depression in the US Workforce. *JAMA*, 289: 3135-44, 2003

Stewart WF, Ricci JA, Chee E, Morganstein D, Lipton R. Lost productive time cost due to common pain conditions in the US workforce. *JAMA* 290: 2443-54, 2003

Stewart WF, Ricci JA, Chee E, Morganstein D. Lost Productive Work Time Costs from Health Conditions in the US: Results from the American Productivity Audit. *J Occup Environ Med* 45: 1234-46, 2003

Stewart WF, Ricci JA, Leotta C, Chee E. Validation of the Work and Health Interview. *Pharmacoeconomics*, 22: 1127-1140, 2004

Schwartz BS, Glass TA, Bolla KI, Stewart WF, Glass G, Rasmussen M, Bressler J, Shi W, Bandeen-Roche K. Disparities in cognitive functioning by race/ethnicity in the Baltimore Memory Study. *Env Health Perspect* 112: 314-20, 2004

Bigal ME, Lipton RB, Stewart WF. The epidemiology and impact of migraine. *Curr Neurol Neurosci Rep* 4: 98-104, 2004

Lipton RB, Bigal ME, Amatniek JC, Stewart WF. Tools for diagnosing migraine and measuring its severity. *Headache* 44: 387-398, 2004

Ferrer E, Salthouse TA, Stewart WF, Schwartz BS. Modeling age and retest processes in longitudinal studies of cognitive abilities. *Psychol Aging* 19: 243-59, 2004

Stewart WF, Ricci JA, Leotta C. Health related lost productive time (LPT): recall interval and bias in LPT estimates. *J Occup Environ Med* 46: S12-22, 2004

West MJ, Kawas CH, Stewart WF, Rudow GL, Troncoso JC. Hippocampal neurons in pre-clinical Alzheimer's disease. *Neurobiol Aging* 25: 1205-12, 2004

Stewart WF. Managing Costs to Employers and Overcoming Barriers in the Treatment of Depression, *Behavioral Health Trends*, 16(Supp. A):13-19, 2004.

Schwartz BS, Lee BK, Bandeen-Roche K, Stewart W, Bolla K, Links J, Weaver V, Todd A. Occupational lead exposure and longitudinal decline in neurobehavioral test scores. *Epidemiology* 16: 106-13, 2005

Hamelsky SW, Lipton RB, Stewart WF. An assessment of the burden of migraine using the willingness to pay model. *Cephalalgia* 25: 87-100, 2005

Ricci JA, Stewart WF, Chee E, Leotta C, Foley K, Hochberg MC. Pain exacerbation as a major source of lost productive time in US workers with arthritis. *Arthritis Rheum.* 2005; 53(5):673-81.

Ferrer E, Salthouse TA, McArdle JJ, Stewart WF, Schwartz BS. Multivariate modeling of age and retest in longitudinal studies of cognitive abilities. *Psychology and Aging* 2005; 20(3): 412-422

Lipton RB, Bigal ME, Stewart WF. Clinical trails of acute treatments for migraine including multiple attack studies of pain, disability and health related quality of life. *Neurology* 2005; 65 (12 Suppl 4) S50-8 Review

Camilleri M, Dubois D, Coulie B, Jones M, Kahrilas PJ, Rentz AM, Sonnenberg A, Stanghellini V, Stewart WF, Tack J, Talley NJ, Whitehead W, Revicki DA. Prevalence and socioeconomic impact of upper gastrointestinal disorders in the United States: results of the US Upper Gastrointestinal Study. *Clin Gastroenterol Hepatol*, 2005; 3:543-52

Stewart WF, Bigal ME, Kolodner K, Dawson A, Liberman JN, Lipton RB. Family Risk of migraine: variation by proband age at onset and headache severity. *Neurology* 2006; 66 (3) 344-8

Stewart WF, Schwartz BS, Davatzikos C, Shen D, Liu D, Wu X, Todd AC, Shi W, Bassett S, Youssef D. Past Adult lead exposure is linked to neurodegeneration measured by brain MRI. *Neurology* 2006; 66 (10): 1476-84

Alphs HH, Schwartz BS, Stewart WF, Yousem DM. Findings on brain MRI from research studies of occupational exposure to known neurotoxicants. *AJR AM Roentgenol* 2006; 187 (4) 1043-7

Scher AI, Stewart WF, Lipton RB. The comorbidity of headache with other pain syndromes. *Headache*. 2006; 46 (9): 1416-23 (In press)

Ricci JA, Stewart WF, Chee E, Leotta C, Foley K, Hochberg MC. Back pain exacerbations and lost productive time costs in US workers. *Spine*. 2006;31(26):3052-3060.


Stewart WF, Shah NR, Selna MJ, Paulus RA, Walker JM. Bridging the Inferential Gap: The Electronic Health Record and Clinical Evidence. *Health Affairs (Web Edition)*. 2007 [in press].

Schwartz BS, Stewart WF. Lead and cognitive function in adults: a questions and answers approach to a review of the evidence for cause, treatment, and prevention. *Int Rev Psychiatry*. 2007; 19(6):671-92. Review.

Lipton RB, Bigal ME, Ashina S, Burstein R, Silberstein S, Reed ML, Serrano D, Stewart WF; American Migraine Prevalence Prevention Advisory Group. Cutaneous allodynia in the migraine population. *Ann Neurol*. 2008; 63(2):148-58.

Couch JR, Lipton RB, Stewart WF, Scher AI. Head or neck injury increases the risk of chronic daily headache: a population-based study. *Neurology*. 2007; 69(11):1169-77.

Bigal ME, Lipton RB, Winner P, Reed ML, Diamond S, Stewart WF; AMPP advisory group. Migraine in adolescents: association with socioeconomic status and family history. *Neurology*. 2007; 69(1):16-25.

Schwartz BS, Chen S, Caffo B, Stewart WF, Bolla KI, Yousem D, Davatzikos C.  Relations of brain volumes with cognitive function in males 45 years and older with past lead exposure. *Neuroimage*. 2007; 37(2):633-41. Epub 2007 Jun 2.

Stewart WF, Ricci JA, Chee E, Hirsch AG, Brandenburg NA. Lost productive time and costs due to diabetes and diabetic neuropathic pain in the US workforce. *J Occup Environ Med*. 2007; 49(6):672-9.

Stewart WF, Schwartz BS. Effects of lead on the adult brain: a 15-year exploration. *Am J Ind Med*. 2007; 50(10):729-39.

Lipton RB, Bigal ME, Diamond M, Freitag F, Reed ML, Stewart WF; AMPP Advisory Group. Migraine prevalence, disease burden, and the need for preventive therapy.

Neurology. 2007; 68(5):343-9.

Bays HE, Bazata DD, Clark NG, Gavin JR 3rd, Green AJ, Lewis SJ, Reed ML, Stewart W, Chapman RH, Fox KM, Grandy S. Prevalence of self-reported diagnosis of diabetes mellitus and associated risk factors in a national survey in the US population: SHIELD (Study to Help Improve Early evaluation and management of risk factors Leading to Diabetes). BMC Public Health. 2007; 3;7:277.

Max MB, Stewart WF. The molecular epidemiology of pain: a new discipline for drug discovery. Nat Rev Drug Discov. 2008 Jun 27. [Epub ahead of print]

Scher A, Stewart W, Buse D, Krantz D, Lipton R. Major life changes before and after the onset of chronic daily headache: a population-based study. Cephalalgia. 2008 Jun 16. [Epub ahead of print]

Minassian VA, Stewart WF, Hirsch AG. Why do stress and urge incontinence co-occur much more often than expected? Int Urogynecol J Pelvic Floor Dysfunct. 2008 Jun 5. [Epub ahead of print]

Thomas C, Wood GC, Langer RD, Stewart WF. Elevated blood pressure in primary care varies in relation to circadian and seasonal changes. J Hum Hypertens. 2008 Jun 5. [Epub ahead of print]

Ayoub WT, Newman ED, Blosky MA, Stewart WF, Wood GC. Improving detection and treatment of osteoporosis: redesigning care using the electronic medical record and shared medical appointments. Osteoporos Int. 2008. [Epub ahead of print]

Lipton RB, Stewart WF. A response from the authors. Headache. 2008 May;48(5):732.

Chu X, Erdman R, Susek M, Gerst H, Derr K, Al-Agha M, Wood GC, Hartman C, Yeager S, Blosky MA, Krum W, Stewart WF, Carey D, Benotti P, Still CD, Gerhard GS. Association of morbid obesity with FTO and INSIG2 allelic variants. Arch Surg. 2008; 143(3):235-40; discussion 241.

Walker JM, Carayon P, Leveson N, Paulus RA, Tooker J, Chin H, Bothe A Jr, Stewart WF. EHR safety: the way forward to safe and effective systems. J Am Med Inform Assoc. 2008; 15(3):272-7.

Minassian VA, Stewart WF, Wood GC. Urinary incontinence in women: variation in prevalence estimates and risk factors. Obstet Gynecol. 2008; 111(2 Pt 1):324-31.

Caffo B, Chen S, Stewart W, Bolla K, Yousem D, Davatzikos C, Schwartz BS. Are brain volumes based on magnetic resonance imaging mediators of the associations of cumulative lead dose with cognitive function? Am J Epidemiol. 2008 15;167(4):429-37.

**RESEARCH GRANT PARTICIPATION (Investigator Initiated Studies, Direct Costs Only, Does Not Include Industry Funded Studies Through IMR)**

PRINCIPAL INVESTIGATOR: Occupational Epidemiology Training Grant, DuPont Corporation, 1990-1991; \$57,300.

PRINCIPAL INVESTIGATOR: The Epidemiology of Migraine Headache, National Institute of Neurology, Communicative Disorders, and Stroke (NS 19381) 1985-1990; \$1,050,000.

PRINCIPAL INVESTIGATOR: An Epidemiologic Prospective Study of Boxing, United States of America Amateur Boxing Federation and the United States Olympic Foundation, 1986-1988; \$720,000.

PRINCIPAL INVESTIGATOR: Reproductive Hazards Among Physical Therapists Exposed to Electromagnetic Radiation (EMR). To determine the feasibility of assessing the occupational impact of EMR on reproductive events. March of Dimes Birth Defects Foundation, 1986-1988; \$20,000.

PRINCIPAL INVESTIGATOR: An Epidemiologic Study of Injury in Fire Fighters, National Institute on Occupational Safety and Health Grant (OHO 225 40 IAI) 1987-1989; \$240,000.

PRINCIPAL INVESTIGATOR: Adverse Reproductive Events and Electromagnetic Radiation. A study of adverse reproductive and electromagnetic radiation in female physical therapists. Center for Disease Control, National Institute for Occupational Safety and Health (NIOSH IROI 0H02373-OIAI), 1988-1989; \$114,267.

PRINCIPAL INVESTIGATOR: Post-doctoral Training in Occupational Epidemiology. Dupont Corp, 1990-1991, \$57,300.

PRINCIPAL INVESTIGATOR: Follow-up Study of Neurological Risks in Amateur Boxing. A prospective study of neurologic and neuropsychologic risks in amateur boxers. National Institute of Neurological and Communicative Disorders and Stroke, National Institutes of Health (ROI NS 26450-OIEDC-IT) 1988-1995; \$3,100,000.

PRINCIPAL INVESTIGATOR: Epidemiology of Migraine and Severe Headache, Glaxo Inc., 1990-1991, \$99,218.

PRINCIPAL INVESTIGATOR: Reproductive Hazards in the Workplace, Home, Community and Environment Research. March of Dimes, January 1, 1992 to December 31, 1992, \$7,500.

PRINCIPAL INVESTIGATOR: Migraine Headache: Diagnosis, Scope of the Problem, and Medical Care, Glaxo Holdings, March 15, 1993 - November 30, 1993; \$67,320.00.

PRINCIPAL INVESTIGATOR: Development of a device to measure head acceleration. Johns Hopkins University Faculty Development Award, 1994, \$30,000.

PRINCIPAL INVESTIGATOR: Migraine Severity Clinical Assessment: Identifying Migraineurs Most in Need of Care, Glaxo Holdings plc, August 1, 1993 - December 31, 1993; \$27,746.

PRINCIPAL INVESTIGATOR: Age, Lead Exposure and Neurobehavioral Decline, National Institutes on Aging, 1994-2003; \$4,300,000.

PRINCIPAL INVESTIGATOR: Investigation of Changes in the Prevalence of Neural Tube Defects in Cameron County, Texas, Cameron County Defense Fund, 1994 - 1995, \$233,438.

PRINCIPAL INVESTIGATOR: Apolipoprotein-ε and Cognitive Function in Retired Boxers. Alzheimer Association, 1997-1998; \$99,000.

PRINCIPAL INVESTIGATOR: Screening and Detection of Autism Spectrum Disorders. Department of Health and Human Services, Health Resources and Services Administration (HRSA). September, 2003 – September 2005. \$993,500.

PRINCIPAL INVESTIGATOR: Does Access to an EMR Patient Portal Influence Chronic Disease Outcomes? A Randomized Trial Assessing Clinical and Behavioral Change Outcomes in Patients with CHF, Diabetes, or Secondary CVD. Robert Wood Johnson Foundation. September 1, 2004 – August 31, 2006. \$399,029.

PRINCIPAL INVESTIGATOR: Longitudinal Study of Overactive Bladder.

PRINCIPAL INVESTIGATOR: Electronic Clinical Decision Support For Cardiovascular Risk Management in Primary Care. Version I. Astra-Zeneca (\$150,000) and Roche Diagnostics (\$150,000).

PRINCIPAL INVESTIGATOR: Electronic Clinical Decision Support For Cardiovascular Risk Management in Primary Care: Version II. Astra-Zeneca (\$560,000)

CO-PRINCIPAL INVESTIGATOR: (L. Gordis, PI) on a study of the epidemiology of major malformations. (NIH ROI HD15965-O3EDC3), 1985-1989; \$623,000.

CO-INVESTIGATOR: (K. Bolla, PI) on a study of CNS impairment in tetraethyl lead workers, Dupont Corp., 1990-1991.

CO-PRINCIPAL INVESTIGATOR: (P. Lees, PI) on a study of the risk of lung cancer in chromate workers from Cr III and Cr VI. (EPA 814888 010), 1988-1989; \$110,000.

CO-INVESTIGATOR: (R. Gray, PI) Historic Cohort Study of Reproductive Health Outcomes Among IBM Employees in Semiconductor Manufacturing, IBM, 1988-1992; \$801,937.

CO-INVESTIGATOR: (G. Matanoski, PI) Non-concurrent study radiation exposure in shipyard workers. Department of Energy, 1979-1987; \$9,500,000.00.

CO-INVESTIGATOR: (G. Matanoski, PI) Feasibility study for establishing a health surveillance system in the paper industry. American Paper Institute, 1984-1985, \$46,000.00.

CO-INVESTIGATOR: (J. Johnson, PI) Workplace stress and risk of cardiovascular disease. Swedish Work Environment Fund, 1989-1991; \$290,000.

CO-INVESTIGATOR: (P. Lees, PI) Use of Industrial Hygiene Data for Dose-Response Analysis. Int'l. Life Sciences Inst./Risk Science Inst., 1990-1992, \$105,000.

CO-INVESTIGATOR: (C. Kawas, P.I.). Risk Factors and Early Signs in Alzheimer's Disease.  
National Institute of Aging. May 1, 1990 - April 30, 2000, \$4,362,528.