

Stanford



Lorene Nelson, PhD

Associate Professor of Epidemiology and Population Health

CONTACT INFORMATION

- **Alternate Contact**

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Bio

ACADEMIC APPOINTMENTS

- Associate Professor, Epidemiology and Population Health
- Member, Bio-X

ADMINISTRATIVE APPOINTMENTS

- Associate Director, Stanford Center for Population Health Sciences, Stanford University School of Medicine, (2014- present)
- Chief, Division of Epidemiology, (2001-2010)
- Adjunct Investigator, Kaiser Division of Research, (1995- present)
- Co-Director, Graduate Program in Epidemiology, Dept. of Health Research & Policy, (1994-2003)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Committee Member, Research Programs Action Committee (RPAC), National Multiple Sclerosis Society (2011 - present)
- Councilor, Executive Committee of the Neuroepidemiology Section, American Academy of Neurology (2012 - present)
- Associate Editor, Neuroepidemiology (1999 - present)
- Associate Editor, American Journal of Epidemiology (2000 - 2010)

PROFESSIONAL EDUCATION

- PhD, University of Washington , Epidemiology (1991)
- MS, Univ. of Colorado Sch. of Medicine , Biostatistics (1981)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Nelson's traditional research program is focused on the epidemiology and complex etiology of neurodegenerative disorders, including Parkinson's disease, amyotrophic lateral sclerosis, and multiple sclerosis. A recent additional focus of her work is on the development of mobile health tools to carry out prospective research studies on neurologic disorders such as migraine headache.

As the Faculty Associate Director of Research for the Stanford Center for Population Health Sciences, Dr. Nelson is leading strategic initiatives that involve a growing number of population health scientists at Stanford. Our goal is to develop innovative and transdisciplinary approaches to address the critical determinants of population health, including but not limited to strategies that can be addressed using electronic health care records from health information exchanges in defined geographic regions.

Teaching

COURSES

2021-22

- Big Data Methods for Behavioral, Social, and Population Health Research: EPI 270 (Spr)

2020-21

- Big Data Methods for Behavioral, Social, and Population Health Research: EPI 270 (Spr)

2018-19

- Epidemiology Research Seminar: HRP 236 (Spr)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Hoda Abdel Magid

Doctoral Dissertation Advisor (AC)

Jessica Hinman, Michael Hittle, Sam Jaros

Master's Program Advisor

Sharon Huang, Jamie McDonald

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Epidemiology (Masters Program)
- Epidemiology (Phd Program)
- Immunology/Rheumatology (Fellowship Program)

Publications

PUBLICATIONS

- **The Impact of the first COVID-19 shelter-in-place announcement on social distancing, difficulty in daily activities, and levels of concern in the San Francisco Bay Area: A cross-sectional social media survey.** *PloS one*
Elser, H. n., Kiang, M. V., John, E. M., Simard, J. F., Bondy, M. n., Nelson, L. M., Chen, W. T., Linos, E. n.
2021; 16 (1): e0244819
- **Changes in Seizure Frequency and Antiepileptic Therapy during Pregnancy.** *The New England journal of medicine*
Pennell, P. B., French, J. A., May, R. C., Gerard, E., Kalayjian, L., Penovich, P., Gedzelman, E., Cavitt, J., Hwang, S., Pack, A. M., Sam, M., Miller, J. W., Wilson, et al
2020; 383 (26): 2547–56
- **Development and Internal Validation of a Multivariable Prediction Model for Individual Episodic Migraine Attacks Based on Daily Trigger Exposures.** *Headache*
Holsteen, K. K., Hittle, M., Barad, M., Nelson, L. M.
2020

- **Feasibility of Using a Nationally Representative Telephone Survey to Monitor Multiple Sclerosis Prevalence in the United States.** *Neuroepidemiology*
Buka, S. L., Wallin, M. T., Culpepper, W. J., Lee, Y. H., Marrie, R. A., Nelson, L. M., Kaye, W. E., Wagner, L. n., Tremlett, H. n., Campbell, J. n., LaRocca, N. n.
2020; 1–8
- **Two decades of research: Time to incorporate comorbidity management into the care of MS?** *Neurology*
Nelson, L. M., Bourdette, D. n.
2020
- **Implications of the COVID-19 San Francisco Bay Area Shelter-in-Place Announcement: A Cross-Sectional Social Media Survey.** *medRxiv : the preprint server for health sciences*
Elser, H. n., Kiang, M. V., John, E. M., Simard, J. F., Bondy, M. n., Nelson, L. M., Chen, W. T., Linos, E. n.
2020
- **What Matters in Parkinson's Disease: Sex, Number of Children, or Birth Cohort?** *Movement disorders : official journal of the Movement Disorder Society*
Popat, R. A., Nelson, L. M.
2020; 35 (7): 1108–10
- **A new way to estimate neurologic disease prevalence in the United States Illustrated with MS** *NEUROLOGY*
Nelson, L. M., Wallin, M. T., Marrie, R., Culpepper, W. J., Langer-Gould, A., Campbell, J., Buka, S., Tremlett, H., Cutter, G., Kaye, W., Wagner, L., Larocca, N. G., US Multiple Sclerosis Prevalence W
2019; 92 (10): 469–80
- **Validation of an algorithm for identifying MS cases in administrative health claims datasets** *NEUROLOGY*
Culpepper, W. J., Marrie, R., Langer-Gould, A., Wallin, M. T., Campbell, J. D., Nelson, L. M., Kaye, W. E., Wagner, L., Tremlett, H., Chen, L. H., Leung, S., Evans, C., Yao, et al
2019; 92 (10): E1016–E1028
- **The prevalence of MS in the United States A population-based estimate using health claims data** *NEUROLOGY*
Wallin, M. T., Culpepper, W. J., Campbell, J. D., Nelson, L. M., Langer-Gould, A., Marrie, R., Cutter, G. R., Kaye, W. E., Wagner, L., Tremlett, H., Buka, S. L., Dilokthornsakul, P., Topol, et al
2019; 92 (10): E1029–E1040
- **A new way to estimate neurologic disease prevalence in the United States: Illustrated with MS.** *Neurology*
Nelson, L. M., Wallin, M. T., Marrie, R. A., Culpepper, W. J., Langer-Gould, A., Campbell, J., Buka, S., Tremlett, H., Cutter, G., Kaye, W., Wagner, L., Larocca, N. G., United States Multiple Sclerosis Prevalence Workgroup
2019
- **Validation of an algorithm for identifying MS cases in administrative health claims datasets.** *Neurology*
Culpepper, W. J., Marrie, R. A., Langer-Gould, A., Wallin, M. T., Campbell, J. D., Nelson, L. M., Kaye, W. E., Wagner, L., Tremlett, H., Chen, L. H., Leung, S., Evans, C., Yao, et al
2019
- **The prevalence of MS in the United States: A population-based estimate using health claims data.** *Neurology*
Wallin, M. T., Culpepper, W. J., Campbell, J. D., Nelson, L. M., Langer-Gould, A., Marrie, R. A., Cutter, G. R., Kaye, W. E., Wagner, L., Tremlett, H., Buka, S. L., Dilokthornsakul, P., Topol, et al
2019
- **Evaluation of a Mobile Device Survey System for Behavioral Risk Factors (SHAPE): App Development and Usability Study.** *JMIR formative research*
Oakley-Girvan, I., Lavista, J. M., Miller, Y., Davis, S., Acle, C., Hancock, J., Nelson, L. M.
2019; 3 (1): e10246
- **Physical Activity and Parkinson Disease Risk: An Intriguing Link.** *JAMA network open*
Nelson, L. M.
2018; 1 (5): e182633
- **A High-Density Genome-Wide Association Screen of Sporadic ALS in US Veterans** *PLOS ONE*
Kwee, L. C., Liu, Y., Haynes, C., Gibson, J. R., Stone, A., Schichman, S. A., Kamel, F., Nelson, L. M., Topol, B., Van Den Eeden, S. K., Tanner, C. M., Cudkovicz, M. E., Grasso, et al
2012; 7 (3)
- **Association of DRD2 and DRD3 polymorphisms with Parkinson's disease in a multiethnic consortium** *JOURNAL OF THE NEUROLOGICAL SCIENCES*

- McGuire, V., Van Den Eeden, S. K., Tanner, C. M., Kamel, F., Umbach, D. M., Marder, K., Mayeux, R., Ritz, B., Ross, G. W., Petrovitch, H., Topol, B., Popat, R. A., Costello, et al
2011; 307 (1-2): 22-29
- **Coffee, ADORA2A, and CYP1A2: the caffeine connection in Parkinson's disease** *EUROPEAN JOURNAL OF NEUROLOGY*
Popat, R. A., Van Den Eeden, S. K., Tanner, C. M., Kamel, F., Umbach, D. M., Marder, K., Mayeux, R., Ritz, B., Ross, G. W., Petrovitch, H., Topol, B., McGuire, V., Costello, et al
2011; 18 (5): 756-765
 - **Vitamin D, Pregnancy, Breastfeeding, and Postpartum Multiple Sclerosis Relapses** *ARCHIVES OF NEUROLOGY*
Langer-Gould, A., Huang, S., Van Den Eeden, S. K., Gupta, R., Leimpeter, A. D., Albers, K. B., Horst, R., Hollis, B., Steinman, L., Nelson, L. M.
2011; 68 (3): 310-313
 - **Familial Aggregation of Parkinson's Disease in a Multiethnic Community-Based Case-Control Study** *MOVEMENT DISORDERS*
Shino, M. Y., McGuire, V., Van Den Eeden, S. K., Tanner, C. M., Popat, R., Leimpeter, A., Bernstein, A. L., Nelson, L. M.
2010; 25 (15): 2587-2594
 - **Comorbid Cancer in Parkinson's Disease** *MOVEMENT DISORDERS*
Lo, R. Y., Tanner, C. M., Van Den Eeden, S. K., Albers, K. B., Leimpeter, A. D., Nelson, L. M.
2010; 25 (12): 1809-1817
 - **Autoimmune diseases prior to the diagnosis of multiple sclerosis: a population-based case-control study** *MULTIPLE SCLEROSIS JOURNAL*
Langer-Gould, A., Albers, K. B., Van Den Eeden, S. K., Nelson, L. M.
2010; 16 (7): 855-861
 - **Reliability and validity of two self-administered questionnaires for screening restless legs syndrome in population-based studies** *SLEEP MEDICINE*
Popat, R. A., Van Den Eeden, S. K., Tanner, C. M., Kushida, C. A., Rama, A. N., Black, J. E., Bernstein, A., Kasten, M., Chade, A., Leimpeter, A., Cassidy, J., McGuire, V., Nelson, et al
2010; 11 (2): 154-160
 - **Interferon-gamma-Producing T Cells, Pregnancy, and Postpartum Relapses of Multiple Sclerosis** *ARCHIVES OF NEUROLOGY*
Langer-Gould, A., Gupta, R., Huang, S., Hagan, A., Atkuri, K., Leimpeter, A. D., Albers, K. B., Greenwood, E., Van Den Eeden, S. K., Steinman, L., Nelson, L. M.
2010; 67 (1): 51-57
 - **Obstetric outcomes in women with multiple sclerosis and epilepsy** *NEUROLOGY*
Kelly, V. M., Nelson, L. M., Chakravarty, E. F.
2009; 73 (22): 1831-1836
 - **Clinical Features in Early Parkinson Disease and Survival** *ARCHIVES OF NEUROLOGY*
Lo, R. Y., Tanner, C. M., Albers, K. B., Leimpeter, A. D., Fross, R. D., Bernstein, A. L., McGuire, V., Quesenberry, C. P., Nelson, L. M., Van Den Eeden, S. K.
2009; 66 (11): 1353-1358
 - **Exclusive Breastfeeding and the Risk of Postpartum Relapses in Women With Multiple Sclerosis** *ARCHIVES OF NEUROLOGY*
Langer-Gould, A., Huang, S. M., Gupta, R., Leimpeter, A. D., Greenwood, E., Albers, K. B., Van Den Eeden, S. K., Nelson, L. M.
2009; 66 (8): 958-963
 - **Genes and environmental exposures in veterans with amyotrophic lateral sclerosis: The GENEVA study** *NEUROEPIDEMIOLOGY*
Schmidt, S., Allen, K. D., Loiacono, V. T., Norman, B., Stanwyck, C. L., Nord, K. M., Williams, C. D., Kasarskis, E. J., Kamel, F., McGuire, V., Nelson, L. M., Oddone, E. Z.
2008; 30 (3): 191-204
 - **Minimum incidence of primary cervical dystonia in a multiethnic health care population** *NEUROLOGY*
Marras, C., Van Den Eeden, S. K., Fross, R. D., Benedict-Albers, K. S., Klingman, J., Leimpeter, A. D., Nelson, L. M., Risch, N., Karter, A. J., Bernstein, A. L., Tanner, C. M.
2007; 69 (7): 676-680
 - **Pooled analysis of tobacco use and risk of Parkinson disease** *ARCHIVES OF NEUROLOGY*
Ritz, B., Ascherio, A., Checkoway, H., Marder, K. S., Nelson, L. M., Rocca, W. A., Ross, G. W., Strickland, D., Van Den Eeden, S. K., Gorell, J.
2007; 64 (7): 990-997
 - **Effect of non-steroidal anti-inflammatory medications on the risk of amyotrophic lateral sclerosis** *AMYOTROPHIC LATERAL SCLEROSIS*

- Popat, R. A., Tanner, C. M., Van Den Eeden, S. K., Bernstein, A. L., Bloch, D. A., Leimpeter, A., McGuire, V., Nelson, L. M.
2007; 8 (3): 157-163
- **Clinical and demographic predictors of long-term disability in patients with relapsing-remitting multiple sclerosis - A systematic review** *ARCHIVES OF NEUROLOGY*
Langer-Gould, A., Popat, R. A., Huang, S. M., Cobb, K., Fontoura, P., Gould, M. K., Nelson, L. M.
2006; 63 (12): 1686-1691
 - **Lack of replication of thirteen single-nucleotide polymorphisms implicated in Parkinson's disease: a large-scale international study** *LANCET NEUROLOGY*
Elbaz, A., Nelson, L. M., Payami, H., Ioannidis, J. P., Fiske, B. K., Annesi, G., Belin, A. C., Factor, S. A., Ferrarese, C., Hadjigeorgiou, G. M., Higgins, D. S., Kawakami, H., Krueger, et al
2006; 5 (11): 917-923
 - **Obstetric hospitalizations in the United States for women with systemic lupus erythematosus and rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
Chakravarty, E. F., Nelson, L., Krishnan, E.
2006; 54 (3): 899-907
 - **Effect of reproductive factors and postmenopausal hormone use on the risk of amyotrophic lateral sclerosis** *NEUROEPIDEMIOLOGY*
Popat, R. A., Van Den Eeden, S. K., Tanner, C. M., Bernstein, A. L., Bloch, D. A., Leimpeter, A., McGuire, V., Nelson, L. M.
2006; 27 (3): 117-121
 - **Effect of reproductive factors and postmenopausal hormone use on the risk of Parkinson disease** *NEUROLOGY*
Popat, R. A., Van Den Eeden, S. K., Tanner, C. M., McGuire, V., Bernstein, A. L., Bloch, D. A., Leimpeter, A., Nelson, L. M.
2005; 65 (3): 383-390
 - **The risk for malignant primary adult-onset glioma in a large, multiethnic, managed-care cohort: cigarette smoking and other lifestyle behaviors** *JOURNAL OF NEURO-ONCOLOGY*
Efird, J. T., Friedman, G. D., Sidney, S., Klatsky, A., Habel, L. A., Udaltsova, N. V., Van den Eeden, S., Nelson, L. M.
2004; 68 (1): 57-69
 - **Incidence of Parkinson's disease: Variation by age, gender, and Race/Ethnicity** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
Van den Eeden, S. K., Tanner, C. M., Bernstein, A. L., Fross, R. D., Leimpeter, A., Bloch, D. A., Nelson, L. M.
2003; 157 (11): 1015-1022
 - **Principles, organization, and operation of a DNA bank for clinical trials: a Department of Veterans Affairs cooperative study** *CONTROLLED CLINICAL TRIALS*
Lavori, P. W., Krause-Steinrauf, H., Brophy, M., Buxbaum, J., Cockcroft, J., Cox, D. R., Fiore, L., Greely, H. T., Greenberg, H., Holmes, E. W., Nelson, L. M., Sugarman, J.
2002; 23 (3): 222-239
 - **Population-based case-control study of amyotrophic lateral sclerosis in western Washington State. I. Cigarette smoking and alcohol consumption** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
Nelson, L. M., McGuire, V., Longstreth, W. T., Matkin, C.
2000; 151 (2): 156-163
 - **Population-based case-control study of amyotrophic lateral sclerosis in western Washington Sate. II. Diet** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
Nelson, L. M., Matkin, C., Longstreth, W. T., McGuire, V.
2000; 151 (2): 164-173
 - **Epidemiologic approaches to the study of Parkinson's disease etiology** *EPIDEMIOLOGY*
Checkoway, H., Nelson, L. M.
1999; 10 (3): 327-336
 - **Physical trauma and family history of neurodegenerative diseases in amyotrophic lateral sclerosis: A population-based case-control study** *NEUROEPIDEMIOLOGY*
Cruz, D. C., Nelson, L. M., McGuire, V., Longstreth, W. T.
1999; 18 (2): 101-110
 - **Study design in genetic epidemiology: theoretical and practical considerations.** *Journal of the National Cancer Institute. Monographs*
Whittemore, A. S., Nelson, L. M.

1999: 61-69

- **Recursive partitioning for the identification of disease risk subgroups: A case-control study of subarachnoid hemorrhage** *JOURNAL OF CLINICAL EPIDEMIOLOGY*
Nelson, L. M., Bloch, D. A., Longstreth, W. T., Shi, H.
1998; 51 (3): 199-209
- **Assessment of occupational exposures in community-based case-control studies** *ANNUAL REVIEW OF PUBLIC HEALTH*
McGuire, V., Nelson, L. M., Koepsell, T. D., Checkoway, H., Longstreth, W. T.
1998; 19: 35-53
- **Occupational exposures and amyotrophic lateral sclerosis - A population-based case-control study** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
McGuire, V., Longstreth, W. T., Nelson, L. M., Koepsell, T. D., Checkoway, H., Morgan, M. S., VANBELLE, G.
1997; 145 (12): 1076-1088
- **Case finding for epidemiological surveys of multiple sclerosis in United States communities.** *Multiple sclerosis*
Nelson, L. M., ANDERSON, D. W.
1995; 1 (1): 48-55
- **Epidemiology of ALS.** *Clinical neuroscience*
Nelson, L. M.
1995; 3 (6): 327-331
- **SUBARACHNOID HEMORRHAGE AND HORMONAL FACTORS IN WOMEN - A POPULATION-BASED CASE-CONTROL STUDY** *ANNALS OF INTERNAL MEDICINE*
Longstreth, W. T., Nelson, L. M., Koepsell, T. D., VANBELLE, G.
1994; 121 (3): 168-173
- **COMPLETENESS AND ACCURACY OF INTERVIEW DATA FROM PROXY RESPONDENTS - DEMOGRAPHIC, MEDICAL, AND LIFE-STYLE FACTORS** *EPIDEMIOLOGY*
Nelson, L. M., Longstreth, W. T., Koepsell, T. D., Checkoway, H., VANBELLE, G.
1994; 5 (2): 204-217
- **PROXY RESPONDENTS IN EPIDEMIOLOGIC RESEARCH** *EPIDEMIOLOGIC REVIEWS*
Nelson, L. M., Longstreth, W. T., Koepsell, T. D., VANBELLE, G.
1990; 12: 71-86
- **RISK OF MULTIPLE-SCLEROSIS EXACERBATION DURING PREGNANCY AND BREAST-FEEDING** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Nelson, L. M., Franklin, G. M., Jones, M. C.
1988; 259 (23): 3441-3443
- **REFERRAL BIAS IN MULTIPLE-SCLEROSIS RESEARCH** *JOURNAL OF CLINICAL EPIDEMIOLOGY*
Nelson, L. M., Franklin, G. M., Hamman, R. F., BOTELER, D. L., BAUM, H. M., Burks, J. S.
1988; 41 (2): 187-192
- **Prevalence of amyotrophic lateral sclerosis (ALS), United States, 2016.** *Amyotrophic lateral sclerosis & frontotemporal degeneration*
Mehta, P., Raymond, J., Punjani, R., Larson, T., Bove, F., Kaye, W., Nelson, L. M., Topol, B., Han, M., Muravov, O., Genson, C., Davis, B., Hicks, et al
2021: 1-6
- **Two-Year-Old Cognitive Outcomes in Children of Pregnant Women With Epilepsy in the Maternal Outcomes and Neurodevelopmental Effects of Antiepileptic Drugs Study.** *JAMA neurology*
Meador, K. J., Cohen, M. J., Loring, D. W., May, R. C., Brown, C., Robalino, C. P., Matthews, A. G., Kalayjian, L. A., Gerard, E. E., Gedzelman, E. R., Penovich, P. E., Cavitt, J., Hwang, et al
2021
- **Association Between Income Inequality and County-Level COVID-19 Cases and Deaths in the US.** *JAMA network open*
Tan, A. X., Hinman, J. A., Abdel Magid, H. S., Nelson, L. M., Odden, M. C.
2021; 4 (5): e218799
- **The timed 25-foot walk in a large cohort of multiple sclerosis patients.** *Multiple sclerosis (Houndmills, Basingstoke, England)*

Kalinowski, A., Cutter, G., Bozinov, N., Hinman, J. A., Hittle, M., Motl, R., Odden, M., Nelson, L. M.
2021: 13524585211017013

- **Telemedicine utilization trends among patients with multiple sclerosis and controls in the united states veterans health administration: 2008-2020**
Magid, H., Jin, S., Culpepper, W., Nelson, L., Wallin, M.
SAGE PUBLICATIONS LTD.2020: 355
- **Assessing Mental Health among College Students Using Mobile Apps: Acceptability and Feasibility** *JOURNAL OF COLLEGE STUDENT PSYCHOTHERAPY*
Palesh, O., Oakley-Girvan, I., Richardson, A., Nelson, L. M., Clark, R., Hancock, J., Acle, C., Lavista, J. M., Miller, Y., Gore-Felton, C.
2020
- **US Public Concerns About the COVID-19 Pandemic From Results of a Survey Given via Social Media.** *JAMA internal medicine*
Nelson, L. M., Simard, J. F., Oluyomi, A. n., Nava, V. n., Rosas, L. G., Bondy, M. n., Linos, E. n.
2020
- **Cervical dystonia incidence and diagnostic delay in a multiethnic population.** *Movement disorders : official journal of the Movement Disorder Society*
LaHue, S. C., Albers, K., Goldman, S., Lo, R., Gu, Z., Leimpeter, A., Fross, R., Comyns, K., Marras, C., de Kleijn, A., Smit, R., Katz, M., Ozelius, et al
2019
- **Telemedicine in Multiple Sclerosis Care: A National Utilization Assessment and Systematic Review**
Wallin, M., Minden, S., Machado, H., Nelson, L., Topol, B., Culpepper, W., Jin, S., Maloni, H., Yeroushalmi, S.
LIPPINCOTT WILLIAMS & WILKINS.2019
- **Fetal antiepileptic drug exposure and learning and memory functioning at 6#years of age: The NEAD prospective observational study.***Epilepsy & behavior : E&B*
Cohen, M. J., Meador, K. J., May, R., Loblein, H., Conrad, T., Baker, G. A., Bromley, R. L., Clayton-Smith, J., Kalayjian, L. A., Kanner, A., Liporace, J. D., Pennell, P. B., Privitera, et al
2019; 92: 154–64
- **Fetal loss and malformations in the MONEAD study of pregnant women with epilepsy.** *Neurology*
Meador, K. J., Pennell, P. B., May, R. C., Van Marter, L. n., McElrath, T. F., Brown, C. n., Gerard, E. n., Kalayjian, L. n., Gedzelman, E. n., Penovich, P. n., Cavitt, J. n., French, J. n., Hwang, et al
2019
- **Effects of periconceptional folate on cognition in children of women with epilepsy: NEAD study.** *Neurology*
Meador, K. J., Pennell, P. B., May, R. C., Brown, C. A., Baker, G. n., Bromley, R. n., Loring, D. W., Cohen, M. J.
2019
- **Estimation of the Prevalence of Amyotrophic Lateral Sclerosis in the United States Using National Administrative Healthcare Data from 2002 to 2004 and Capture-Recapture Methodology.** *Neuroepidemiology*
Nelson, L. M., Topol, B., Kaye, W., Williamson, D., Horton, D. K., Mehta, P., Wagner, T.
2018; 51 (3-4): 149–57
- **Resilience and Transition Readiness in Pediatric SLE Patients**
Lai, J., Nelson, L., Balboni, I., Lee, T., Hsu, J.
WILEY.2017
- **The prevalence of multiple sclerosis in the United States: a population-based healthcare database approach**
Wallin, M. T., Culpepper, W. J., Campbell, J., Nelson, L., Langer-Gould, A., Marrie, R. A., Cutter, G., Kaye, W., Wagner, L., Tremlett, H., Buka, S., Larocca, N., Leung, et al
SAGE PUBLICATIONS LTD.2017: 125
- **Risk Factors for Severe Postpartum Hemorrhage After Cesarean Delivery: Case-Control Studies.** *Anesthesia and analgesia*
Butwick, A. J., Ramachandran, B., Hegde, P., Riley, E. T., El-Sayed, Y. Y., Nelson, L. M.
2017
- **Obstetric interventions and maternal morbidity among women who experience severe postpartum hemorrhage during cesarean delivery.** *International journal of obstetric anesthesia*
Seligman, K. n., Ramachandran, B. n., Hegde, P. n., Riley, E. T., El-Sayed, Y. Y., Nelson, L. M., Butwick, A. J.
2017; 31: 27–36

- **Racial and Ethnic Disparities in Mode of Anesthesia for Cesarean Delivery** *ANESTHESIA AND ANALGESIA*
Butwick, A. J., Blumenfeld, Y. J., Brookfield, K. F., Nelson, L. M., Weiniger, C. F.
2016; 122 (2): 472-479
- **Racial and Ethnic Disparities in Mode of Anesthesia for Cesarean Delivery.** *Anesthesia and analgesia*
Butwick, A. J., Blumenfeld, Y. J., Brookfield, K. F., Nelson, L. M., Weiniger, C. F.
2016; 122 (2): 472-79
- **Risk Factors for Prolonged Postpartum Length of Stay Following Cesarean Delivery** *AMERICAN JOURNAL OF PERINATOLOGY*
Blumenfeld, Y. J., El-Sayed, Y. Y., Lyell, D. J., Nelson, L. M., Butwick, A. J.
2015; 32 (9): 825-832
- **Second-line uterotonics and the risk of hemorrhage-related morbidity.** *American journal of obstetrics and gynecology*
Butwick, A. J., Carvalho, B., Blumenfeld, Y. J., El-Sayed, Y. Y., Nelson, L. M., Bateman, B. T.
2015; 212 (5): 642 e1-7
- **Second-line uterotonics and the risk of hemorrhage-related morbidity** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
Butwick, A. J., Carvalho, B., Blumenfeld, Y. J., El-Sayed, Y. Y., Nelson, L. M., Bateman, B. T.
2015; 212 (5)
- **Risk of Cardiovascular Disease Associated with a Restless Legs Syndrome Diagnosis in a Retrospective Cohort Study from Kaiser Permanente Northern California.** *Sleep*
Van Den Eeden, S. K., Albers, K. B., Davidson, J. E., Kushida, C. A., Leimpeter, A. D., Nelson, L. M., Popat, R., Tanner, C. M., Bibeau, K., Quesenberry, C. P.
2015; 38 (7): 1009-1015
- **Risk Factors for Prolonged Postpartum Length of Stay Following Cesarean Delivery.** *American journal of perinatology*
Blumenfeld, Y. J., El-Sayed, Y. Y., Lyell, D. J., Nelson, L. M., Butwick, A. J.
2015
- **Patterns of care in palliative radiotherapy: a population-based study.** *Journal of oncology practice / American Society of Clinical Oncology*
Murphy, J. D., Nelson, L. M., Chang, D. T., Mell, L. K., Le, Q.
2013; 9 (5): e220-7
- **Is exposure to cyanobacteria an environmental risk factor for amyotrophic lateral sclerosis and other neurodegenerative diseases?** *AMYOTROPHIC LATERAL SCLEROSIS AND FRONTOTEMPORAL DEGENERATION*
Bradley, W. G., Borenstein, A. R., Nelson, L. M., Codd, G. A., Rosen, B. H., Stommel, E. W., Cox, P. A.
2013; 14 (5-6): 325-333
- **Current pathways for epidemiological research in amyotrophic lateral sclerosis** *AMYOTROPHIC LATERAL SCLEROSIS AND FRONTOTEMPORAL DEGENERATION*
Factor-Litvak, P., Al-Chalabi, A., Ascherio, A., Bradley, W., Chio, A., Garruto, R., Hardiman, O., Kamel, F., Kasarskis, E., McKee, A., Nakano, I., Nelson, L. M., Eisen, et al
2013; 14: 33-43
- **Utility of Capture-Recapture Methodology to Assess Completeness of Amyotrophic Lateral Sclerosis Case Ascertainment** *NEUROEPIDEMIOLOGY*
Wittie, M., Nelson, L. M., Usher, S., Ward, K., Benatar, M.
2013; 40 (2): 133-141
- **Associations of welding and manganese exposure with Parkinson disease Review and meta-analysis** *NEUROLOGY*
Mortimer, J. A., Borenstein, A. R., Nelson, L. M.
2012; 79 (11): 1174-1180
- **Cost-effectiveness of modern radiotherapy techniques in locally advanced pancreatic cancer** *CANCER*
Murphy, J. D., Chang, D. T., Abelson, J., Daly, M. E., Yeung, H. N., Nelson, L. M., Koong, A. C.
2012; 118 (4): 1119-1129
- **Osteoporosis Screening, Prevention, and Treatment in Systemic Lupus Erythematosus: Application of the Systemic Lupus Erythematosus Quality Indicators** *ARTHRITIS CARE & RESEARCH*
Schmajuk, G., Yelin, E., Chakravarty, E., Nelson, L. M., Panopolis, P., Yazdany, J.
2010; 62 (7): 993-1001

- **Meeting Report: Consensus Statement-Parkinson's Disease and the Environment: Collaborative on Health and the Environment and Parkinson's Action Network (CHE PAN) Conference 26-28 June 2007** *ENVIRONMENTAL HEALTH PERSPECTIVES*
Bronstein, J., Carvey, P., Chen, H., Cory-Slechta, D., DiMonte, D., Duda, J., English, P., Goldman, S., Grate, S., Hansen, J., Hoppin, J., Jewell, S., Kamel, et al
2009; 117 (1): 117-121
- **Simple counts of ADL dependencies do not adequately reflect older adults' preferences toward states of functional impairment** *JOURNAL OF CLINICAL EPIDEMIOLOGY*
Sims, T., Holmes, T. H., Bravata, D. M., Garber, A. M., Nelson, L. M., Goldstein, M. K.
2008; 61 (12): 1261-1270
- **Minimum incidence of primary task-specific focal hand dystonia** *22nd Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinsons Disease and Other Movement Disorders*
Lo, R. Y., Tanner, C. M., Albers, K. B., Leimpeter, A. D., Fross, R., Comyns, K., Bernstein, A., Klingman, J., Goldman, S., Ozelius, L., Marras, C., Bressman, S., Comella, et al
WILEY-BLACKWELL.2008: 1630-30
- **Having IADL dependency does not prevent people from overestimating impact of ADL dependency.** *Annual Meeting of the American-Geriatrics-Society*
Sims, T., Mather, M., Mahlow, P., Nelson, L., Garber, A., Goldstein, M.
WILEY-BLACKWELL.2005: S2-S2
- **Invariance and inconsistency in utility ratings** *22nd Annual Meeting of the Society-for-Medical-Decision-Making*
Bravata, D. M., Nelson, L. M., Garber, A. M., Goldstein, M. K.
SAGE PUBLICATIONS INC.2005: 158-67
- **Environmental risk factors in multiple sclerosis - Causes, triggers, and patient autonomy** *NEUROLOGY*
Franklin, G. M., Nelson, L.
2003; 61 (8): 1032-1034
- **Risk of subsequent cancer following invasive or in situ squamous cell skin cancer** *ANNALS OF EPIDEMIOLOGY*
Efird, J. T., Friedman, G. D., Habel, L., Tekawa, I. S., Nelson, L. M.
2002; 12 (7): 469-475
- **Household appliance use and residential exposure to 60-Hz magnetic fields** *JOURNAL OF EXPOSURE ANALYSIS AND ENVIRONMENTAL EPIDEMIOLOGY*
Mezei, G., Kheifets, L. I., Nelson, L. M., Mills, K. M., Iriye, R., Kelsey, J. L.
2001; 11 (1): 41-49
- **Reliability of proxy-reported and self-reported household appliance use** *EPIDEMIOLOGY*
Mills, K. M., Kheifets, L. I., Nelson, L. M., Bloch, D. A., Takemoto-Hambleton, R., Kelsey, J. L.
2000; 11 (5): 581-588
- **International variation in the incidence of hip fractures: Cross-national project on osteoporosis for the World Health Organization program for research on aging** *OSTEOPOROSIS INTERNATIONAL*
Schwartz, A. V., Kelsey, J. L., Maggi, S., Tuttleman, M., Ho, S. C., Jonsson, P. V., Poor, G., de Castro, J. A., Xu, L., Matkin, C. C., Nelson, L. M., Heyse, S. P.
1999; 9 (3): 242-253
- **Analysis of prenatal and gestational care given to women with epilepsy** *NEUROLOGY*
Seale, C. G., Morrell, M. J., Nelson, L., Druzin, M. L.
1998; 51 (4): 1039-1045
- **Clinical and magnetic resonance imaging changes correlate in a clinical trial monitoring cyclosporine therapy for multiple sclerosis** *JOURNAL OF NEUROIMAGING*
Zhao, G. J., Redekop, W. K., Riddehough, A., Li, D. K., Cover, K., Wolinsky, J. S., Paty, D. W., Koopmans, R. A., Mietlowski, W., Scheinberg, L. C., Traugott, U., Aisen, M., Robbins, et al
1997; 7 (1): 1-7
- **Randomized trial of leaving messages on telephone answering machines for control recruitment in an epidemiologic study** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
Koepsell, T. D., McGuire, V., Longstreth, W. T., Nelson, L. M., VANBELLE, G.
1996; 144 (7): 704-706

- **HELICOBACTER-PYLORI, PEPSINOGEN, AND RISK FOR GASTRIC ADENOCARCINOMA** *CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION*
Parsonnet, J., Samloff, I. M., Nelson, L. M., Orentreich, N., Vogelman, J. H., Friedman, G. D.
1993; 2 (5): 461-466
- **SMOKING CESSATION AND RISK OF STROKE IN WOMEN** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Longstreth, W. T., Nelson, L. M.
1993; 269 (17): 2214-2214
- **CLINICAL COURSE OF SPONTANEOUS SUBARACHNOID HEMORRHAGE - A POPULATION-BASED STUDY IN KING COUNTY, WASHINGTON** *NEUROLOGY*
Longstreth, W. T., Nelson, L. M., Koepsell, T. D., VANBELLE, G.
1993; 43 (4): 712-718
- **CIGARETTE-SMOKING, ALCOHOL-USE, AND SUBARACHNOID HEMORRHAGE** *STROKE*
Longstreth, W. T., Nelson, L. M., Koepsell, T. D., VANBELLE, G.
1992; 23 (9): 1242-1249
- **Utility of the sickness impact profile in Parkinson's disease.** *Journal of geriatric psychiatry and neurology*
Longstreth, W. T., Nelson, L., Linde, M., Muñoz, D.
1992; 5 (3): 142-148
- **BACLOFEN EFFECT ON QUADRICEPS STRENGTH IN MULTIPLE-SCLEROSIS** *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*
Smith, M. B., BRAR, S. P., Nelson, L. M., Franklin, G. M., COBBLE, N. D.
1992; 73 (3): 237-240
- **SPONTANEOUS-ABORTION AND SUBSEQUENT ADVERSE BIRTH OUTCOMES** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
Thom, D. H., Nelson, L. M., Vaughan, T. L.
1992; 166 (1): 111-116
- **CAFFEINE AND STROKE** *STROKE*
Longstreth, W. T., Nelson, L. M.
1992; 23 (1): 117-117
- **Cigarette smoking, alcohol use and subarchnoid hemorrhage** *Stroke*
Nelson LM, Longstreth WT Jr, Koepsell TD, van Belle G.
1992
- **EVALUATION OF TREATMENT PROTOCOLS ON MINIMAL TO MODERATE SPASTICITY IN MULTIPLE-SCLEROSIS** *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*
BRAR, S. P., Smith, M. B., Nelson, L. M., Franklin, G. M., COBBLE, N. D.
1991; 72 (3): 186-189
- **HYPOTHESES TO EXPLAIN THE ASSOCIATION BETWEEN VIGOROUS PHYSICAL-ACTIVITY AND AMYOTROPHIC-LATERAL-SCLEROSIS** *MEDICAL HYPOTHESES*
Longstreth, W. T., Nelson, L. M., Koepsell, T. D., VANBELLE, G.
1991; 34 (2): 144-148
- **MULTIPLE-SCLEROSIS SIBLING PAIRS - CLUSTERED ONSET AND FAMILIAL PREDISPOSITION** *NEUROLOGY*
DOOLITTLE, T. H., Myers, R. H., LEHRICH, J. R., Birnbaum, G., Sheremata, W., Franklin, G. M., Nelson, L. M., Hauser, S. L.
1990; 40 (10): 1546-1552
- **Efficacy and toxicity of cyclosporine in chronic progressive multiple sclerosis: a randomized, double-blinded, placebo-controlled clinical trial. The Multiple Sclerosis Study Group.** *Annals of neurology*
1990; 27 (6): 591-605
- **COGNITIVE LOSS IN MULTIPLE-SCLEROSIS - CASE-REPORTS AND REVIEW OF THE LITERATURE** *ARCHIVES OF NEUROLOGY*
Franklin, G. M., Nelson, L. M., Filley, C. M., Heaton, R. K.
1989; 46 (2): 162-167

- **A COMPARISON OF DEMENTIA IN ALZHEIMERS-DISEASE AND MULTIPLE-SCLEROSIS** *ARCHIVES OF NEUROLOGY*
Filley, C. M., Heaton, R. K., Nelson, L. M., Burks, J. S., Franklin, G. M.
1989; 46 (2): 157-161

- **INTRAVENOUS GLUCOSE-TOLERANCE AND PANCREATIC-ISLET BETA-CELL FUNCTION IN PATIENTS WITH MULTIPLE-SCLEROSIS DURING 2-YR TREATMENT WITH CYCLOSPORINE** *DIABETES*
Robertson, R. P., Franklin, G., Nelson, L.
1989; 38 (1): 58-64

- **CORRELATION OF NEUROPSYCHOLOGICAL AND MRI FINDINGS IN CHRONIC PROGRESSIVE MULTIPLE-SCLEROSIS** *NEUROLOGY*
Franklin, G. M., Heaton, R. K., Nelson, L. M., Filley, C. M., Seibert, C.
1988; 38 (12): 1826-1829

- **NEUROLOGY PRACTICE PATTERNS IN COLORADO** *NEUROLOGY*
Franklin, G. M., Ringel, S. P., Nelson, L. M., DELAPP, C.
1987; 37 (2): 287-289

- **THE EFFECTS OF PREGNANCY IN MULTIPLE-SCLEROSIS - A RETROSPECTIVE STUDY** *NEUROLOGY*
Thompson, D. S., Nelson, L. M., Burns, A., Burks, J. S., Franklin, G. M.
1986; 36 (8): 1097-1099

- **Higher than expected prevalence of multiple sclerosis in northern Colorado: dependence on methodologic issues.** *Neuroepidemiology*
Nelson, L. M., Hamman, R. F., Thompson, D. S., BAUM, H. M., BOTELER, D. L., Burks, J. S., Franklin, G. M.
1986; 5 (1): 17-28

- **NEUROPSYCHOLOGICAL FINDINGS IN RELAPSING REMITTING AND CHRONIC PROGRESSIVE MULTIPLE-SCLEROSIS** *JOURNAL OF CONSULTING AND CLINICAL PSYCHOLOGY*
Heaton, R. K., Nelson, L. M., Thompson, D. S., Burks, J. S., Franklin, G. M.
1985; 53 (1): 103-110