Steven M. Day, PhD

Curriculum Vitae June 2025

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EMPLOYMENT

2011-present
President, CEO: Mortality Research & Consulting, Inc., Diamond Bar, CA
Member: Gerson Lehrman Group's Council of Healthcare Advisors, 2004-Present

1996-2011
Consultant and Principal Researcher for the Life Expectancy Project/Strauss & Shavelle, Inc., San Francisco, CA

1995-2001
Associate Professor of Mathematics (Tenured): Riverside Community College, CA

1990-1995
Assistant Professor of Mathematics (Tenured): The Ohio State University

1989
Community Teaching Fellow: Valley High School, South Sacramento, CA

1985-1987
Mathematics Instructor (US Peace Corps): Minaki Secondary School, Tanzania

EDUCATION

PhD, Applied Statistics (substantive field epidemiology), December 2001
University of California, Riverside
Morris J. Garber Award, Outstanding Graduate Student in Statistics, 2000-2001

MS, Statistics, December 2000
University of California, Riverside

MA, MAT, Mathematics, June 1990
University of California, Davis

BA, Mathematics, June 1983
University of California, Los Angeles (Magna Cum Laude, Phi Beta Kappa)

CONTINUING MEDICAL/EPIDEMIOLOGICAL/STATISTICAL EDUCATION

1. Probabilistic Graphical Models 1: Representation. Completed January 11, 2020. https://coursera.org/share/da1bb333246ad396f9b80b6eac0838a1.
2. Pediatrics Peer Review - April 2018. The American Academy of Pediatrics (AAP), May 18, 2018 [awarded 3.0 AMA PRA Category 1 Credits].
3. Improving Cause of Death Reporting. eLearning Module and Exam on November 27, 2017. Quality Improvement Unit of Office of Vital Statistics, Bureau of Vital Statistics, New York City Department of Health and Mental Hygiene.
4. Machine Learning Foundations: A Case Study Approach by University of Washington on Coursera. Certificate earned February 17, 2017
5. Royal Society of Medicine CPD Module: Update on epilepsy. Online viewing of RSM lecture, completion of questionnaire and reflective notes. January 12, 2016.
6. Statistics for Medical Professionals. Stanford University School of Medicine, completed 8 December 2015 [23.50 AMA PRA Category 1 Credits].
7. Chronic lung disease in the patient with neurodisability: Concepts and management strategies. October 24, 2015 at the 69th Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, Austin, Texas.
8. Royal Society of Medicine CPD Module: Faecal transplantation in gastrointestinal diseases (IBD): myth or reality. Online viewing of RSM lecture, completion of questionnaire and reflective notes. September 4, 2015.
9. The National Institutes of Health (NIH) Office of Extramural Research Web-based training course "Protecting Human Research Participants". 30 December 2013.
10. Evaluating Treatment Outcomes Using Systematic Reviews: The AACPDM Methodology and Beyond. Instructional course no. 19 at the 66th Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, 14 September 2012: Toronto, Ontario, Canada.
11. Introduction to Directed Acyclic Graphs. Pre-conference workshop at the 45th Annual Society for Epidemiologic Research Meeting, 27 June 2012: Minneapolis, Minnesota.
12. Federal Public Health Surveillance & Analysis of Surveillance Data (E is for Epi, Session 4.2). University of North Carolina Center for Public Health Preparedness, 14 July 2011. [1/2 hour; 0.05 CEUs]
13. Navigating the Care of the Medically Fragile Child, sponsored by Eastern Virginia Medical School Office of Continuing Medical Education and Building Bridges Network. April 9-12, 2008, Norfolk, Virginia.
14. Chronic Hepatitis C: A Multifaceted Disease. Harvard Medical School Department of Continuing Education, completed May 2006. [2.0 AMA PRA Category 1 Credits]
15. Managing Type 2 Diabetes: A Clinical Challenge. Harvard Medical School Department of Continuing Education, completed May 2006. [2.0 AMA PRA Category 1 Credits]
16. The Clinician in Court: Surviving a Malpractice Suit. Harvard Medical School Department of Continuing Education, completed May 2006. [2.0 AMA PRA Category 1 Credits]

17. M14109: Developmental Disabilities. Office of Continuing Medical Education, School of Medicine, University of California San Francisco. Attended and completed for 8 hours of AMA Category 1 Credits, March 1-2, 2002.

Continuing Medical Education Articles:

1. Strauss DJ, Day SM, Shavelle RM, Wu YW. Remote symptomatic epilepsy: does seizure severity increase mortality? Neurology. 2003 Feb 11;60(3):395-9.
2. Shavelle RM, Strauss D, Whyte J, Day SM, Yu YL. Long-term causes of death after traumatic brain injury. Am J Phys Med Rehabil. 2001 Jul;80(7):510-6; quiz 517-9.

EDITORIAL ACTIVITIES

Peer reviewer for the following journals:

1. Neuropediatrics; 2010-2011
2. American Journal of Physical Medicine & Rehabilitation; 2010
3. Developmental Medicine and Child Neurology; 2007-2024
4. Pediatric Neurology; 2009-2014
5. Neuroscience Letters; 2007-2012
6. Pediatrics; 2005, 2006, 2010-2013, 2015, 2017-2020
7. Journal of Pediatric Rehabilitation Medicine; 2013, 2018-2024
8. American Journal of Epidemiology; 2023

Publons (https://www.webofscience.com/wos/author/record/1615069) Peer Review Award (top 1% based on frequency of reviews) 2017 (Medicine, Neuroscience), 2018 (Neuroscience & Behavior), 2019 (Neuroscience & Behavior, Cross-Field)

PEER REVIEWED PUBLICATIONS - MEDICAL AND MORTALITY RESEARCH

1. Day SM, Reynolds RJ. How to avoid immortal time bias. Dev Med Child Neurol. 2023 Sep;65(9):1135-1136.
2. Reynolds RJ, Day SM, Kanikkannan L. Viability of internal comparisons for epidemiological research in the US astronaut corps. npj Microgravity. 2023 May 12;9:36.
3. Day SM. Estimating life expectancy in severe cerebral palsy: Tools for doing it right. Dev Med Child Neurol. 2022 Jun;64(6):799-800.
4. Reynolds R, Little MP, Day S, Charvat J, Blattnig S, Huff J, Patel ZS. Cancer incidence and mortality in the USA Astronaut Corps, 1959-2017. Occup Environ Med. 2021 May 26:oemed-2020-107143.
5. Day SM, Reynolds RJ. Rectus femoris transfer surgery in cerebral palsy: can causal inferences be made from observational data? Dev Med Child Neurol. 2021 Feb;63(2):129.
6. Day SM. Success or failure of blinding in randomized controlled trials. Dev Med Child Neurol. 2020 Feb;62(2):159.

7. Reynolds RJ, Bukhtiyarov IV, Tikhonova GI, Day SM, Ushakov IB, Gorchakova TYU. Contrapositive logic suggests space radiation not having a strong impact on mortality of US astronauts and Soviet and Russian cosmonauts. Sci Rep. 2019 Jul 4;9(1):8583.
8. Rigby AS, Day SM. The crisis in replicability. Dev Med Child Neurol. 2019 May;61(5):504.
9. Reynolds RJ, Day SM. Mortality of US astronauts: comparisons with professional athletes. Occup Environ Med. 2019 Feb;76(2):114-117.
10. Reynolds RJ, Day SM, Shafer A, Becker E. Mortality rates and excess death rates for the seriously mentally ill. J Insur Med. 2018;47(4):212-219.
11. Day SM, Reynolds RJ. Survival, mortality, and life expectancy. In: Al-Zwaini IJ, editor. Cerebral Palsy - Clinical and Therapeutic Aspects. London: IntechOpen; 2018. p. 45-64.
12. Reynolds RJ, Day SM. The mortality of space explorers. In: Russomano T, editor. Into Space. London: IntechOpen; 2018. p. 253-85.
13. Reynolds RJ, Day SM. The effect of competing risks on astronaut and cosmonaut mortality. Life Sci Space Res. 2018 Aug;18:35-41.
14. Reynolds RJ, Day SM. The growing role of machine learning and artificial intelligence in developmental medicine. Dev Med Child Neurol. 2018 Sep;60(9):858-859.
15. Reynolds RJ, Hakenewerth A, Shafer AB, Day SM, Becker EA. Cancer incidence among the mentally ill treated at the Local Mental Health Authority clinics in Texas. Texas Public Health Association Journal 2019; 71(2):35-42.
16. Day SM, Reynolds RJ. Diagnosis in the age of massive computing power. Dev Med Child Neurol. 2017 Dec;59(12):1211-1212.
17. Reynolds RJ, Day SM. Mortality Due to Cardiovascular Disease Among Apollo Lunar Astronauts. Aerosp Med Hum Perform. 2017 May 1;88(5):492-496. Erratum in: Aerosp Med Hum Perform. 2017 Nov 1;88(11):1055.
18. Reynolds RJ, Shafer A, Day SM, Becker E. Cancer incidence among Texas publicly funded substance abuse treatment clients. Tex Med. 2017;113(12):e1.
19. Day SM. Growth charts for cerebral palsy: still imperfect, but gaining in value. Dev Med Child Neurol. 2017 Sep;59(9):887.
20. Reynolds RJ, Day SM. Mortality Due to Cardiovascular Disease Among Apollo Lunar Astronauts. Aerosp Med Hum Perform. 2017 May 1;88(5):492-496.
21. Day SM. Cerebral palsy is associated with an elevated risk of stroke throughout life: evidence from Taiwan. Dev Med Child Neurol. 2017 Jan;59(1):8-9.
22. Day SM, Reynolds RJ, Kush SJ. Extrapolating published survival curves to obtain evidence-based estimates of life expectancy in cerebral palsy. Dev Med Child Neurol. 2015 Dec;57(12):1105–1118.
23. Day SM, Reynolds RJ, Kush SJ. The relationship of life expectancy to the development and valuation of life care plans. NeuroRehabilitation. 2015;36(3):253-266.
24. Day S. Comparing and sharing information across health care settings: a difficult but potentially invaluable task. Dev Med Child Neurol. 2015 Sep;57(9):792.

25. Reynolds RJ, Kush SJ, Day SM, Vachon P. Comparative mortality and risk factors for death among Justices of the Supreme Court of the United States, 1789-2013: experience from an occupational cohort with over two centuries of follow-up. J Insur Med. 2015;45:9-16.

26. Reynolds RJ, Day SM, Nurgalieva ZZ. Mortality of Soviet and Russian cosmonauts, 1960-2013. Aviat Space Environ Med. 2014 Jul;85(7):750-754.

27. Day SM. Birth size and the risk of cerebral palsy in term births. Dev Med Child Neurol. 2014 Jan;56(1):6.

28. Day SM, Reynolds RJ, Kush SJ. Letter to the editor regarding "Life expectancy projections supporting life care planning" by RP Bonfiglio and D Kasas in volume 12, number 1. J Life Care Plan. 2013;12(2):5-7.

29. Kush SJ, Day SM, Reynolds RJ. Life expectancy for life care planners. J Life Care Plan. 2013;12(1):31-49.

30. Day SM, Reynolds RJ. Risk factors for cerebral palsy: current knowledge and future causal inference. Dev Med Child Neurol. 2013 Jun;55(6):490.

31. Day SM. Proper stratification of survival curves by level of gross motor function. Dev Med Child Neurol. 2013 May;55(5):402-3.

32. Reynolds RJ, Day SM. Mortality of Major League Baseball players from Canada, Latin America, and the Caribbean. GJMEDPH 2012 Jul-Aug;1(4):38-41.

33. Day SM. Alcohol consumption during pregnancy: the growing evidence. Dev Med Child Neurol. 2012 Mar;54(3):200.

34. Reynolds R, Day S. Life expectancy and comparative mortality of major league baseball players, 1900-1999. WebmedCentral Sports Medicine 2012;3(5):WMC003380.

35. Day SM, Brooks J, Shumway S, Strauss D, Rosenbloom L. Growth charts for children with cerebral palsy: Weight and stature percentiles by age, gender, and level of disability. In: Preedy VR, editor. Handbook of Growth and Growth Monitoring in Health and Disease. New York: Springer; 2012. p. 1675-1710.

36. Day SM. Do we know what the prevalence of cerebral palsy is? Dev Med Child Neurol. 2011 Oct;53(10):876-7.

37. Brooks J, Day S, Shavelle R, Strauss D. Low weight, morbidity, and mortality in children with cerebral palsy: new clinical growth charts. Pediatrics. 2011 Aug;128(2):e299-307.

38. Shavelle R, Katz RT, MacKenzie R, Rosenbloom L, DeVivo M, Hutton J, Strauss D, Day S, Brooks J. Life expectancy for people with disabilities. NeuroRehabilitation. 2011;28(2):161.

39. Sasco AJ, Day SM, Voirin N, Strauss DJ, Shavelle RM, Satge D. Cancer mortality in Down syndrome. In: Satgé D, Merrick J, editors. Cancer in Children and Adults with Intellectual Disabilities: Current Research Aspects. New York: Nova Science Publishers; 2011. p. 193-206.

40. Day SM, Brooks J, Strauss D, Shumway S, Shavelle RM, Kush S, Sasco AJ. Cancer mortality in cerebral palsy. In: Satgé D, Merrick J, editors. Cancer in Children and Adults with Intellectual Disabilities: Current Research Aspects. New York: Nova Science Publishers; 2011. p. 219-29.

41. Reynolds RJ, Day SM. Mortality among U.S. astronauts: 1980-2009. Aviat Space Environ Med. 2010 Nov;81(11):1024-7.

42. Day SM. Improving growth charts for children and adolescents with cerebral palsy through evidence-based clinical practice. Dev Med Child Neurol. 2010 Sep;52(9):793.

43. Krach LE, Kriel RL, Day SM, Strauss DJ. Survival of individuals with cerebral palsy receiving continuous intrathecal baclofen treatment: a matched-cohort study. Dev Med Child Neurol. 2010 Jul;52(7):672-6.

44. Satgé D, Sasco AJ, Day S, Culine S. A lower risk of dying from urological cancer in Down syndrome: clue for cancer protecting genes on chromosome 21. Urol Int. 2009;82(3):296-300.

45. Shavelle RM, Kush SJ, Paculdo DR, Strauss DJ, Day SM. Underwriting the presidents. J Insur Med. 2008;40(2):120-3.

46. Sasco AJ, Day SM, Voirin N, Strauss DJ, Shavelle RM, Satgé D. Cancer mortality in Down syndrome in California. Int J Disabil Hum Dev. 2008;7:415-22.

47. Day SM, Brooks J, Strauss D, Shumway S, Shavelle RM, Kush S, Sasco AJ. Cancer mortality in cerebral palsy in California, 1988-2002. Int J Disabil Hum Dev. 2008;7:427-34.

48. Day SM, Wu YW, Strauss DJ, Shavelle RM, Reynolds RJ. Change in ambulatory ability of adolescents and young adults with cerebral palsy. Dev Med Child Neurol. 2007 Sep;49(9):647-53.

49. Day SM, Strauss DJ, Vachon PJ, Rosenbloom L, Shavelle RM, Wu YW. Growth patterns in a population of children and adolescents with cerebral palsy. Dev Med Child Neurol. 2007 Mar;49(3):167-71.

50. Strauss D, Shavelle R, Reynolds R, Rosenbloom L, Day S. Survival in cerebral palsy in the last 20 years: signs of improvement? Dev Med Child Neurol. 2007 Feb;49(2):86-92.

51. Shavelle RM, Strauss DJ, Day SM, Ojdana KA. Life Expectancy. In: Zasler ND, Katz DI, Zafonte RD, editors. Brain Injury Medicine: Principles and Practice. New York: Demos Medical Publishing; 2007. p. 247-61.

52. Shavelle RM, DeVivo MJ, Strauss DJ, Paculdo DR, Lammertse DP, Day SM. Long-term survival of persons ventilator dependent after spinal cord injury. J Spinal Cord Med. 2006;29(5):511-9.

53. Shavelle RM, Strauss DJ, Day SM. Deinstitutionalization in California: Mortality of persons with developmental disabilities after transfer into community care, 1997-1999. J Data Sci. 2005;3:371-80.

54. Strauss D, Rosenbloom L, Day S, Shavelle R. Cognitive function in tetraplegic cerebral palsy with severe motor dysfunction. Dev Med Child Neurol. 2005 Aug;47(8):562.

55. Day SM, Wu YW, Strauss DJ, Shavelle RM, Reynolds RJ. Causes of death in remote symptomatic epilepsy. Neurology. 2005 Jul 26;65(2):216-22.

56. Day SM, Strauss DJ, Shavelle RM, Reynolds RJ. Mortality and causes of death in persons with Down syndrome in California. Dev Med Child Neurol. 2005 Mar;47(3):171-6.

57. Wu YW, Day SM, Strauss DJ, Shavelle RM. Prognosis for ambulation in cerebral palsy: a population-based study. Pediatrics. 2004 Nov;114(5):1264-71.
58. Strauss D, Shavelle R, Day S. Dr. Audrius Plioplys' comparison of survival rates of children in the California data base and his own Chicago-area data base. Semin Pediatr Neurol. 2004 Sep;11(3):236.
59. Day S, Strauss D, Shavelle R, Wu YW. Excess mortality in remote symptomatic epilepsy. J Insur Med. 2003;35(3-4):155-60.
60. Strauss DJ, Day SM, Shavelle RM, Wu YW. Remote symptomatic epilepsy: does seizure severity increase mortality? Neurology. 2003 Feb 11;60(3):395-9.
61. Shavelle RM, Strauss DJ, Day SM. Comparative mortality of persons with mental retardation in California 1980-1999. J Insur Med. 2003;35(1):5-8.
62. Shavelle RM, Straus DJ, Day SM. Comparison of survival in cerebral palsy between countries. Dev Med Child Neurol. 2001 Aug;43(8):574.
63. Shavelle RM, Strauss D, Whyte J, Day SM, Yu YL. Long-term causes of death after traumatic brain injury. Am J Phys Med Rehabil. 2001 Jul;80(7):510-6; quiz 517-9.
64. Strauss D, Shavelle R, DeVivo MJ, Day S. An analytic method for longitudinal mortality studies. J Insur Med. 2000;32(4):217-25.
65. Strauss DJ, Ashwal S, Day SM, Shavelle RM. Life expectancy of children in vegetative and minimally conscious states. Pediatr Neurol. 2000 Oct;23(4):312-9.

PEER REVIEWED PUBLICATIONS - BASEBALL AND OTHER TOPICS

1. Reynolds R, Day S. Life expectancy and comparative mortality of major league baseball players, 1900-1999. WebmedCentral Sports Medicine 2012;3(5):WMC003380.
2. Reynolds R, Day SM. Offensive strategy and efficiency in the United States and Dominican Republic. Baseball Res J. 2009;38(1):39-43.
3. Reynolds R, Day S, Paculdo D. Deconstructing the Midas touch: Gold Glove Award voting, 1965-2004. Baseball Res J. 2005;34:101-9.
4. Jennings FL, Day SM. A Clarification of the algebraic method of reciprocal cost allocation. 1997;9(2):130-41.
5. Day SM. Simpson's paradox and Major League Baseball's Hall of Fame. AMATYC J. 1994;15(2):26-35.

PRESENTED PAPERS, POSTERS, AND OTHER PUBLICATIONS

1. Reynolds RJ, Antonsen EL, Day S. Beyond Confounding: Directed Acyclic Graphs for Risk Management and Collaborative Science. Lunch presentation at the 2025 Society for Epidemiologic Research Annual Meeting, Boston, MA, June 11, 2025.

2. Reynolds RJ, Day S, Hollung S, Himmelman K, Rackauskaite G, Dan B, McIntyre S, Goldsmith S, Badawi N. A Causal Diagram for Cerebral Palsy: A New International Collaboration. Poster presented at the 38th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Boston, MA, June 10, 2025.McIntyre S, Goldsmith S, Reynolds RJ, Day SM. Developing a causal diagram for cerebral palsy: A new worldwide multidisciplinary collaboration. Breakfast Session presented at the Australian Academy of Cerebral Palsy and Developmental Medicine, Cairns, Australia, 1 August 2024.
3. McIntyre S, Himmelman K, Rackauskaite G, Goldsmith S, Dan B, Badawi N, Reynolds R, Day S. The development of a causal diagram for cerebral palsy: a study protocol for worldwide multidisciplinary collaboration. Presented at the European Academy of Childhood Disability (EACD) 36th Meeting, Bruges, Belgium, 29 May to 1 June 2024. (3rd place winner of EACD Best Poster Award)
4. Reynolds R, Day S, McIntyre S, Goldsmith S, Himmelman K, Badawi N. The Development of a Causal Diagram for Cerebral Palsy. Mini-Symposium presented at the 77TH Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, Chicago, September 10-13, 2023.
5. Skogsberg A, Day S, Mapes J. Gene expression signatures in breast cancer among patients treated with the Aromatase Inhibitor Letrozole. PNWU Research Symposium, April 10, 2023. Pacific Northwest University of Health Sciences, Yakima, WA.
6. Reynolds RJ, Day SM. Smoking and mortality among US astronauts. Poster presented at the 2020 NASA Human Research Program Investigators' Workshop: Small Steps Lead to Giant Leaps: Translating Research into Space Exploration. Galveston, Texas, January 27, 2020.
7. Reynolds RJ, Day SM. Using Bayesian estimation to quantify the risks of spaceflight. Presented at the 2020 NASA Human Research Program Investigators' Workshop: Small Steps Lead to Giant Leaps: Translating Research into Space Exploration. Galveston, Texas, January 28, 2020.
8. Reynolds RJ, Day SM. Is there such a thing as ignorable positivity? Natural-cause mortality among US astronauts and Russian cosmonauts. Poster presented at the 52nd Annual Meeting of the Society for Epidemiologic Research, June 18-21, 2019, Minneapolis, Minnesota.
9. Day S, Reynolds R. Comparing machine-learned and diagnosis driven groupings of children in the 2011 National Survey of Children's Health. Poster presented at the Seventy-Second Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, October 13-16, 2018: Cincinnati, Ohio.
10. Reynolds RJ, Day S. Competing risks survival bias among U.S. Astronauts. Poster presented at the 51st Annual Meeting of the Society for Epidemiologic Research, June 19-22, 2018, Baltimore, Maryland.
11. Day S, Reynolds R. Mortality related to cerebral palsy in the United States: Analysis of multiple causes of death and comparison with deaths in the general population from 2005 to 2014. Poster presented at the 31st Annual Meeting of the Society for Pediatric Epidemiologic Research, June 18-19, 2018, Baltimore, Maryland.

12. Reynolds R, Kush S, Day S. Using machine learning to identify diagnostic profiles for children with cerebral palsy and other developmental disabilities in the 2011–2012 National Survey of Children's Health. Free paper presented at the Seventy-First Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, September 13–16, 2017: Montreal, Quebec, Canada.
13. Reynolds RJ, Day SM, Shafer A, Becker E. Cancer incidence among substance users in the public substance abuse treatment programs of the state of Texas. Poster presented at the 50th Annual Meeting of the Society for Epidemiologic Research, June 20-23, 2017: Seattle, Washington.
14. Day SM, Reynold RJ, Kush SJ. What can a telephone survey tell us about the health and well-being of children with cerebral palsy and other developmental disabilities? Findings of the US 2011–2012 National Survey of Children's Health. Free paper presented at the Seventieth annual meeting of the American Academy for Cerebral Palsy and Developmental Medicine, September 23, 2016: Hollywood, Florida.
15. Reynolds R, Day S, Hakenewerth A, Becker E, Shafer A. A simulation method for estimating incidence rates when information on censoring due to death is missing. Poster presented at the 2016 Epidemiology Congress of the Americas, June 21-24, 2016: Miami, Florida.
16. Reynolds RJ, Day SM. The mortality of NBA basketball players 1949-2011: Are there racial disparities? Poster presented at the 48th Annual Meeting of the Society for Epidemiologic Research, June 16-19, 2015: Denver, Colorado.
17. Reynolds RJ, Day SM. Longevity of Fashion Models, 1921-2012. Poster presented at the 48th Annual Meeting of the Society for Epidemiologic Research, June 16-19, 2015: Denver, Colorado.
18. Reynolds RJ, Day SM, Kush SJ. Life expectancy in cerebral palsy: methods for clinicians. Instructional Course presented at the Sixty-Eighth annual meeting of the American Academy for Cerebral Palsy and Developmental Medicine, September 13, 2014: San Diego, California.
19. Reynolds RJ, Day SM. Mortality and causes of death for Russian and Soviet Cosmonauts, 1960-2013. Poster presented at the 47th Annual Meeting of the Society for Epidemiologic Research, June 24-27, 2014: Seattle, Washington.
20. Kush SJ, Day SM, Reynolds RJ. Evidence-based calculations of life expectancy of children and adults with cerebral palsy and other developmental disabilities. Breakfast Seminar at the Sixty-Seventh Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, October 19, 2013: Milwaukee, Wisconsin.
21. Day SM, Reynolds RJ. Variations in and uses of life expectancies reported by United States government agencies. Poster presented at the 45th Annual Meeting of the Society for Epidemiologic Research, June 27-30, 2012: Minneapolis, Minnesota.
22. Reynolds R, Day SM. Comparative mortality of Major League Baseball players by national origin. Poster presented at the 3rd North American Congress of Epidemiology, June 23, 2011: Montreal.

23. Day SM. Introducing life expectancy in court. Presented at the DRI Medical Liability and Health Care Law Seminar, March 10, 2011: San Francisco, California.

24. Brooks J, Day S, Strauss D, Shavelle R. Gross Motor Function Classification System and survival in children and adolescents with cerebral palsy. Presented at the Sixty-Fourth Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, September 24th, 2010: Washington, D.C.

25. Day SM, Brooks J, Strauss D, Shumway S. Growth charts and predictors of weight and height for children with Down syndrome: Recent findings from the California database. Presented at the Sixty-Fourth Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, September 23rd, 2010: Washington, D.C.

26. Brooks J, Day S, Strauss D. Low weight and mortality in children and adolescents with cerebral palsy. Presented at the Sixty-Third Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, September 25, 2009: Scottsdale, Arizona. Winner of MacKeith Press Promising Career Award for Best Free Paper presented at the 2009 AACPDM Meeting. Nominated for the 2009 Gayle G. Arnold Award for Excellence in the Care of Children with Cerebral Palsy.

27. Day SM, Satgé D. Are persons with Down syndrome protected against some forms of cancer? Guest submission to HealthNews.com, Diseases and Illnesses, July 4, 2009. http://www.healthnews.com/disease-illness/are-persons-down-syndrome-protected-against-some-forms-cancer-3404.html.

28. White C, Day SM. Keeping them honest: How to analyze and challenge long-term care and treatment plans and life expectancy assumptions in catastrophic cases. Presented at the DRI Complex Medicine Seminar, November 14, 2008: San Diego, California.

29. Day SM. Life expectancy in catastrophic injury cases. Complex Medicine Seminar Course Materials. Chicago: DRI.

30. Krach L, Kriel R, Day S, Strauss D. Survival following intrathecal baclofen pump implantation. Presented at the Sixty-Second Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, September 19, 2008: Atlanta, Georgia.

31. Day SM, Strauss DJ, Vachon PJ, Rosenbloom L, Shavelle RM, Wu YW. Poster presentation: Growth charts for children with cerebral palsy. Presented at: Navigating the Care of the Medically Fragile Child - An Educational Conference for Providers of Pediatric Residential Care. Sponsored by Eastern Virginia Medical School Office of Continuing Medical Education and Building Bridges Network. Norfolk, Virginia, April 9-12, 2008.

32. Day SM, Strauss DJ, Vachon PJ, Rosenbloom L, Shavelle RM, Wu YW. Demonstration Poster: Growth charts for persons with cerebral palsy stratified by level of motor functioning and feeding ability. Presented at the Sixty-First Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, October 10-13, 2007: Vancouver.

33. Day SM. Life expectancy. Presented at the 2005 International Conference on Life Care Planning®, "Evidence-Based Practice", September 18, 2005, San Francisco, California.

34. Day SM. Life expectancy. Presented at the American Rehabilitation Economics Association Annual Spring Conference, May 13, 2005, Reno, Nevada.

35. Day SM. Life expectancy in the context of brain injury claims. Presented at the Action against Medical Accidents (AvMA) Cerebral Palsy & Brain Injury Claims Conference, January 25, 2005, London.

36. Day SM, Strauss DJ, Shavelle RM, Ojdana K, Wu YW. Predicting ambulation in cerebral palsy. Presented at the Fifty-Seventh Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, September 11, 2003: Montreal. Nominated for the 2004 Gayle G. Arnold Award for Excellence in the Care of Children with Cerebral Palsy.

37. Day SM. Estimators of long-term transition probabilities in multistate stochastic processes. Presented at the University of California, Riverside, Statistics Colloquium; November 20, 2001.

38. Day SM, Jennings F. Some applications of elegant mathematics in accounting. Presented at the twentieth annual conference of the American Mathematical Association of Two Year Colleges (AMATYC) in November 1994.

39. Day SM, Jennings F. Some applications of elegant mathematics in accounting. Presented by SM Day at the 28th annual seminar of The Mathematical Association of Tanzania in Dar es Salaam, Tanzania in September 1994.

40. Day SM. Reaction to David J. Johnson's article, "Maybe we don't teach grammar anymore, but it's a good thing." OATYC J. 1993;19:1.

PUBLISHED ABSTRACTS

1. Kaur A, Kumar S, Taneja P, Day S, Early KB. Preliminary analysis of health-related quality of life among American Asian Indians in the National Health Interview Survey. 2023 Research Symposium April 10, Pacific Northwest University of Health Sciences.

2. Skogsberg A, Day S, Mapes J. Gene Expression Signatures in Breast Cancer among patients treated with the Aromatase Inhibitor Letrozole. 2023 Research Symposium April 10, Pacific Northwest University of Health Sciences.

3. Reynolds RJ, Day S. Competing risks survival bias among U.S. Astronauts. Abstract Book of the Society for Epidemiologic Research 51st Annual Meeting, June 19-22, 2018, Baltimore, Maryland.

4. Day S, Reynolds R. Mortality related to cerebral palsy in the United States: Analysis of multiple causes of death and comparison with deaths in the general population from 2005 to 2014. Abstract Book of the Society for Pediatric Epidemiologic Research 31st Annual Meeting, June 18-19, 2018, Baltimore, Maryland.

5. Reynolds R, Kush S, Day S. Using machine learning to identify diagnostic profiles for children with cerebral palsy and other developmental disabilities in the 2011–2012 National Survey of Children's Health. Dev Med Child Neurol. 2017;59(Suppl. 3):36-7.

6. Reynolds RJ, Day SM, Shafer A, Becker E. Cancer incidence among substance users in the public substance abuse treatment programs of the state of Texas. Abstract Book of the Society for Epidemiologic Research 50th Annual Meeting, June 20-23, 2017: Seattle, Washington.
7. Day S, Reynolds R, Kush S. What can a telephone survey tell us about the health and well-being of children with cerebral palsy and other developmental disabilities? Findings of the US 2011–2012 National Survey of Children's Health. Dev Med Child Neurol. 2016;52(Suppl. 5):50-1.
8. Reynolds R, Day S, Hakenewerth A, Becker E, Shafer A. A bootstrap method for estimating incidence rates in longitudinal studies when information on censoring due to death is missing for large numbers of participants. Poster presented at the 2016 Epidemiology Congress of the Americas, June 21-24, 2016: Miami, Florida.
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PROFESSIONAL ORGANIZATIONS

Overseas Fellow of the Royal Society of Medicine

Fellow of the American Academy for Cerebral Palsy and Developmental Medicine (AACPDM)

-Statistical Advisor for the Academy's journal of record, Developmental Medicine & Child Neurology (DMCN)

-Member of Editorial Board of Mac Keith Press, publisher of DMCN and related texts

American Statistical Association (ASA)
Society for Epidemiologic Research (SER)
Society for Pediatric and Perinatal Epidemiologic Research (SPER), 2018
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