

# Steven M. Day

## Curriculum Vitae

July 2009

Life Expectancy Project  
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## Employment

1996-Present

Life Expectancy Project, Principal Researcher  
Consultant, Strauss & Shavelle, Inc.  
Member of Gerson Lehrman Group's Council of Healthcare Advisors, 2004-Present

1995-2001

Associate Professor of Mathematics (Tenured), Riverside Community College

1990-1995

Assistant Professor of Mathematics (Tenured), The Ohio State University

1989

Community Teaching Fellow, Valley High School, South Sacramento

1985-1987

Mathematics Instructor (US Peace Corps), Minaki Secondary School, Tanzania

## Education

PhD, Applied Statistics December 2001  
Substantive Field: Epidemiology  
University of California, Riverside

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

## **Continuing Medical Education (CME)**

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.

Chronic Hepatitis C: A Multifaceted Disease. Harvard Medical School Department of Continuing Education, completed May 2006.

Managing Type 2 Diabetes: A Clinical Challenge. Harvard Medical School Department of Continuing Education, completed May 2006.

The Clinician in Court: Surviving a Malpractice Suit. Harvard Medical School Department of Continuing Education, completed May 2006.

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.

### **CME Articles Authored:**

Strauss DJ, Day SM, Shavelle R, Wu YW (2003). Remote symptomatic epilepsy: Does seizure severity increase mortality? *Neurology*, 60:395-399.

Shavelle RM, Strauss DJ, Whyte J, Day SM, Yu YL (2001). Long-term causes of death after traumatic brain injury. *American Journal of Physical Medicine & Rehabilitation*, 80:510-516.

## **Editorial Activities**

Reviewer: *Developmental Medicine and Child Neurology*; 2007, 2008, 2009

Reviewer: *Neuroscience Letters*; 2007

Reviewer: *Pediatrics*; 2005, 2006

Reviewer: *Pediatric Neurology*; 2009

## **Peer Reviewed Publications**

Satgé D, Sasco AJ, Day S, Culine S (2009). A lower risk of dying from urological cancer in Down syndrome: Clue for cancer protecting genes on chromosome 21. *Urologia Internationalis*, 82:296-300.

Sasco AJ, Day SM, Voirin N, Strauss DJ, Shavelle RM, Satgé D (2008). Cancer mortality in Down syndrome in California. *International Journal on Disability and Human Development*, 7:415-422.

Day SM, Brooks J, Strauss D, Shumway S, Shavelle RM, Kush S, Sasco AJ (2008). Cancer mortality in cerebral palsy in California, 1988-2002. *International Journal on Disability and Human Development*, 7: 427-434.

Day SM, Wu YW, Strauss DJ, Shavelle RM, Reynolds RJ (2007). Change in ambulatory ability of adolescents and young adults with cerebral palsy. *Developmental Medicine and Child Neurology*, 49:647-643.

Day SM, Strauss DJ, Vachon PJ, Rosenbloom L, Shavelle RM, Wu YW (2007). Growth patterns in a Californian population of children with cerebral palsy. *Developmental Medicine and Child Neurology*.

Strauss DJ, Shavelle RM, Reynolds RJ, Rosenbloom L, Day SM (2007). Survival in cerebral palsy in the last 20 years: Signs of improvement? *Developmental Medicine & Child Neurology*, 49:86-92.

Shavelle RM, Strauss DJ, Day SM, Ojdana KA (2007). Life Expectancy. In: ND Zasler, DI Katz & RD Zafonte (Eds.), *Brain Injury Medicine: Principles and Practice*. New York: Demos Medical Publishing.

Shavelle RM, DeVivo MJ, Strauss DJ, Paculdo DR, Lammertse DP, Day SM (2006). Long-term survival of persons ventilator dependent after spinal cord injury. *Journal of Spinal Cord Medicine*, 29:511-519.

Shavelle RM, Strauss DJ, Day SM (2005). Deinstitutionalization in California: Mortality of persons with developmental disabilities after transfer into community care, 1997-1999. *Journal of Data Science*, 3:371-380.

Day SM, Wu YW, Strauss DJ, Shavelle RM, Reynolds RJ (2005). Causes of death in remote symptomatic epilepsy. *Neurology*, 65:216-222.

Day SM, Strauss DJ, Shavelle RM, Reynolds RJ (2005). Mortality and causes of death in Down syndrome in California. *Developmental Medicine And Child Neurology*, 47:171-176.

Strauss D, Rosenbloom L, Day S, Shavelle R (2005). Cognitive function in tetraplegic cerebral palsy with severe motor dysfunction [letter]. *Developmental Medicine and Child Neurology*, 47:562.

Wu Y, Day SM, Strauss DJ, Shavelle RM (2004). Prognosis for ambulation in cerebral palsy: A population-based study. *Pediatrics*, 114:1264-1271.

Strauss DJ, Shavelle RM, Day SM (2004). Letter to the editor re: Plioplys article. *Seminars in Pediatric Neurology*, 11:236.

Day S, Strauss D, Shavelle R, Wu YV (2003). Excess mortality in remote symptomatic epilepsy. *Journal of Insurance Medicine*, 35:155-160.

Strauss DJ, Day SM, Shavelle R, Wu YW (2003). Remote symptomatic epilepsy: Does seizure severity increase mortality? *Neurology*, 60:395-399.

Shavelle RM, Strauss DJ, Day SM (2003). Comparative mortality of persons with mental retardation in California, 1980-1999. *Journal of Insurance Medicine*, 35:5-8.

Shavelle RM, Strauss DJ, Day SM (2001). Comparison of survival in cerebral palsy between countries [letter]. *Developmental Medicine & Child Neurology*, 43:574.

Shavelle RM, Strauss DJ, Whyte J, Day SM, Yu YL (2001). Long-term causes of death after traumatic brain injury. *American Journal of Physical Medicine & Rehabilitation*, 80:510-516.

Strauss D, Shavelle R, DeVivo MJ, Day S (2000). An analytical method for longitudinal mortality studies. *Journal of Insurance Medicine*, 32:217-225.

Strauss DJ, Ashwal S, Day SM, Shavelle RM (2000). Life expectancy of children in vegetative and minimally conscious states. *Pediatric Neurology*, 23:312-319.

Jennings F, Day SM (1995). Clarification of exact method of cost allocation. *Accounting Educators' Journal*, 9:2.

Day SM (1994). Simpson's paradox and Major League Baseball's Hall of Fame. *AMATYC Journal*, 15:26-35.

### **Non-refereed publications and invited presentations**

Day SM, Satgé D (2009). 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>.

White C, Day SM (2008). 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.

Day SM (2008). Life expectancy in catastrophic injury cases. Complex Medicine Seminar Course Materials. Chicago: DRI.

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

Day SM, Strauss DJ, Vachon PJ, Rosenbloom L, Shavelle RM, Wu YW (2008). 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.

Day SM, Strauss DJ, Vachon PJ, Rosenbloom L, Shavelle RM, Wu YW (2007). 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.

Day SM (2005). Life Expectancy. Presented at the 2005 International Conference on Life Care Planning®, "Evidence-Based Practice", September 18, 2005, San Francisco, CA.

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

Day SM (2005). 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.

Day SM, Strauss DJ, Shavelle RM, Ojdana K, Wu YW (2003). 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.*

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

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

Day SM, Jennings F (1994). 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.

Day SM, Jennings F (1994). 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.

## Abstracts

Krach LE, Kriel RL, Day SM (2008). Survival following intrathecal baclofen pump implantation. *Developmental Medicine and Child Neurology*, 50:36-37.

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**Professional Organizations**

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Fellow of the Royal Society of Medicine

Fellow of the American Academy of Cerebral Palsy and Developmental Medicine

Member of the American Statistical Association

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**Honors and Special Skills**

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*Marquis Who's Who in America* since 2004

Morris J. Garber Award, Outstanding Graduate Student in Statistics, UC Riverside, 2000-2001

Magna Cum Laude, UCLA 1983

Phi Beta Kappa, member since 1983

Fluent in written and spoken Swahili, basic understanding of Spanish, many computer programs (SAS, S-Plus, MS Office)