

Jordan Chamberlain Brooks

CURRICULUM VITAE

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CONTACT

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EMPLOYMENT

2005 – present	Senior Researcher, Life Expectancy Project Consultant, Strauss & Shavelle, Inc.
2009 – 2012	Graduate Student Researcher Department of Biostatistics School of Public Health University of California, Berkeley
2008 – 2009	Graduate Student Researcher Department of Environmental Health Science School of Public Health University of California, Berkeley
2005	Research Associate Department of Biostatistics School of Public Health University of California, Berkeley

EDUCATION

PhD, Biostatistics, May 2012
University of California, Berkeley

MPH, Biostatistics and Epidemiology, May 2008
University of California, Berkeley

BS, Genetics and Plant Biology, May 2005
University of California, Berkeley

PEER REVIEWED PUBLICATIONS

1. Brooks JC, Shavelle RM, Vavra-Musser KN (2018). Life expectancy in pancreatic neuroendocrine cancer. *Clinics and Research in Hepatology and Gastroenterology*, pii: S2210-7401(18)30151-7. doi: 10.1016/j.clinre.2018.08.005. [Epub ahead of print].
2. Shavelle RM, Brooks JC, Strauss DJ (2018). An update on survival after anoxic brain injury in adolescents and young adults. *Brain Injury*, <https://doi.org/10.1080/02699052.2018.1541100>. [Epub ahead of print].
3. Wright CM, Reynolds L, Ingram E, Cole TJ, Brooks J (2017). Validation of US cerebral palsy growth charts using a UK cohort. *Developmental Medicine & Child Neurology*, 59(9):933-938.
4. Shavelle R, Vavra-Musser K, Lee J, Brooks J (2017). Life expectancy in pleural and peritoneal mesothelioma. *Lung Cancer International*, Volume 2017 (2017), Article ID 2782590, 8 pages. <https://doi.org/10.1155/2017/2782590>.
5. Shavelle RM, Brooks JC, Strauss DJ, Paculdo DR (2015). A note on survival after anoxic brain injury in adolescents and young adults. *NeuroRehabilitation*, 36:379-382.
6. Brooks JC, Shavelle RM, Strauss DJ, Hammond FM, Harrison-Felix CL (2015). Long-term survival after traumatic brain injury. Part I: External validity of prognostic models. *Archives of Physical Medicine and Rehabilitation*, 96:994-999.
7. Brooks JC, Shavelle RM, Strauss DJ, Hammond FM, Harrison-Felix CL (2015). Long-term survival after traumatic brain injury. Part II: Life expectancy. *Archives of Physical Medicine and Rehabilitation*, 96:1000-1005.
8. Shavelle RM, DeVivo MJ, Brooks JC, Strauss DJ, Paculdo DR (2015). Improvements in long-term survival after spinal cord injury? *Archives of Physical Medicine and Rehabilitation*, 96:645-651.
9. Shavelle RM, Paculdo DR, Tran LM, Strauss DJ, Brooks JC, DeVivo MJ (2015). Mobility, continence, and life expectancy in persons with ASIA impairment scale grade D spinal cord injuries. *American Journal of Physical Medicine & Rehabilitation*, 94:180-191.
10. Shavelle RM, Sweeney LH, Brooks JC (2014). Comparative mortality of persons with intellectual disability in California: An update (2000-2010). *Journal of Insurance Medicine*, 44:158-163.
11. Brooks JC, Strauss DJ, Shavelle RM, Tran LM, Rosenbloom L, Wu YW (2014). Recent trends in cerebral palsy survival. Part I: period and cohort effects. *Developmental Medicine & Child Neurology*, 56:1059-1064.
12. Brooks JC, Strauss DJ, Shavelle RM, Tran LM, Rosenbloom L, Wu YW (2014). Recent trends in cerebral palsy survival. Part II: individual survival prognosis. *Developmental Medicine & Child Neurology*, 56:1065-1071.

13. Kim SJ, Brooks JC, Sheikh J, Kaplan MS, Goldberg BJ (2014). Angioedema deaths in the United States, 1979-2010. *Annals of Allergy, Asthma, and Immunology*, 113(6):630-4.
14. Shavelle R, Strauss D, Brooks J (2013). Discrepancies in the estimates of life expectancy after SCI. *Spinal Cord*, 51:937.
15. Brooks JC, Strauss DJ, Shavelle RM, Paculdo DR, Hammond FM, Harrison-Felix CL (2013). Long-term disability and survival in traumatic brain injury: Results from the National Institute on Disability and Rehabilitation Research Model Systems. *Archives of Physical Medicine and Rehabilitation*, 94:2203-2209.
16. Brooks JC, van der Laan MJ, Singer DE, Go AS (2013). Targeted minimum loss-based estimation of causal effects in right-censored survival data with time-dependent covariates: Warfarin, stroke, and death in atrial fibrillation. *Journal of Causal Inference*, 1(2): 235–254.
17. Strauss DJ, Rosenbloom L, Shavelle RM, Brooks JC (2012). Improved survival in cerebral palsy in recent decades? *Developmental Medicine & Child Neurology*, 54:867.
18. Brooks J, Shavelle RM, Strauss DJ (2012). Survival in children with severe cerebral palsy: A further international comparison. [Letter] *Developmental Medicine & Child Neurology*, 54:383-384.
19. Brooks J, van der Laan MJ, Go AS (2012). Targeted maximum likelihood estimation for prediction calibration. *International Journal of Biostatistics*, 8(1):30. DOI: 10.1515/1557-4679.1385.
20. Brooks J, Day SM, Shavelle RM, Strauss DJ (2011). Low weight, morbidity, and mortality in children with cerebral palsy: New clinical growth charts. *Pediatrics*, 128:e299-e307.
21. Brooks JC, Fisher-Owens SA, Wu YW, Strauss DJ, Newman TB (2011). Evidence suggests there was not a “resurgence” of kernicterus in the 1990s. *Pediatrics*, 127:672-679.
22. Shavelle R, Katz R, MacKenzie R, Rosenbloom L, DeVivo M, Hutton J, Strauss D, Day S, Brooks J (2011). Reply to article by Thomas and Barnes. *NeuroRehabilitation*, 28: 161.
23. Huen K, Harley K, Brooks J, Hubbard A, Bradman A, Eskenazi B, Holland N (2009). Developmental changes in PON1 enzyme activity in young children and effects of PON1 polymorphisms. *Environmental Health Perspectives*: doi:10.1289/ehp.09000870.
24. Strauss DJ, Shavelle RM, Rosenbloom L, Brooks JC (2008). Life expectancy in cerebral palsy: An update. *Developmental Medicine & Child Neurology*, 50:487-493.
25. Strauss D, DeVivo M, Shavelle R, Brooks J, Paculdo D (2008). Economic factors and longevity in spinal cord injury: A reappraisal. *Archives of Physical Medicine and Rehabilitation*, 89:572-574.
26. 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.

INVITED PUBLICATIONS

1. Brooks J, Go AS, Singer DE, van der Laan MJ (2014). Roadmap for Causal Inference in Safety Analysis. In: Jiang Q and Xia HA (Eds.), Quantitative Evaluation of Safety in Drug Development, Design, Analysis and Reporting. p. 173-194. Chapman and Hall/CRC Press.
2. Day SM, Brooks J, Shumway S, Strauss D, and Rosenbloom L (2012). Growth Charts for Children with Cerebral Palsy: Weight and Stature Percentiles by Age, Gender, and Level of Disability. In: Preedy VR (Ed.), Handbook of Growth and Growth Monitoring in Health and Disease, Part 10, p. 1675-1709. New York: Springer.

PRESENTATIONS AND INVITED LECTURES

1. "Life expectancy: Epidemiology." Weightmans large loss seminar. November 18, 2015.
2. "Life expectancy." Canadian Bar Association. National Health Law Summit: Critical Issues in Health Law. May 21, 2015.
3. "Life expectancy: New research and educating the Court." DWF large loss conference. September 17, 2014.
4. "Do persons from wealthy California zip codes live longer?" American Academy for Cerebral Palsy and Developmental Medicine, Annual Meeting. September 12, 2014.
5. "Prediction of long-term mortality in adults with traumatic brain injury using age, sex, walking and feeding skills." International Brain Injury Association, 10th World Congress on Brain Injury. March 22, 2014.
6. "A simple web-based calculator for long-term survival prognosis in adults with moderate-to-severe traumatic brain injury." [Poster] International Brain Injury Association, 10th World Congress on Brain Injury. March 21, 2014.
7. "Recent updates from the California database." American Academy for Cerebral Palsy and Developmental Medicine, Annual Meeting 3. October 19, 2013.
8. "Life expectancy in Court." XL Group Seminar. September 27, 2013.
9. "Concordance of survival models for children with cerebral palsy." American Academy for Cerebral Palsy and Developmental Medicine, Annual Meeting. September 14, 2012.
10. "Weight, BMI, and survival in ambulatory adults with cerebral palsy." American Academy for Cerebral Palsy and Developmental Medicine, Annual Meeting. October 13, 2011.
11. "Respiratory health needs in children with cerebral palsy: Prevalence and mortality over a 14-year Period." [Poster] American Academy for Cerebral Palsy and Developmental Medicine, Annual Meeting. October 13, 2011.

12. "Myths in life expectancy." Action against Medical Accidents, Annual Clinical Negligence Conference 2011. June 24, 2011.
13. "Gross Motor Function Classification System and survival in children and adolescents with cerebral palsy." American Academy for Cerebral Palsy and Developmental Medicine, Annual Meeting. September 24, 2010.
14. "Targeted Maximum Likelihood Estimation for longitudinal data in randomized controlled trials." Western North American Region of the International Biometric Society, Spring Meeting. June 23, 2010.
15. "Low weight and mortality in children and adolescents with cerebral palsy." American Academy for Cerebral Palsy and Developmental Medicine, Annual Meeting. September 25, 2009.
16. "Life expectancy in cerebral palsy: Recent research from California." American Academy for Cerebral Palsy and Developmental Medicine, Annual Meeting. September 18, 2008.

PUBLISHED ABSTRACTS

1. Brooks J, Shavelle R, Strauss DJ, Wu Y. Do persons with cerebral palsy from wealthy California zip codes live longer? *Developmental Medicine and Child Neurology*, 2014; 56(s5):72-73.
2. Tran L, Brooks J, Shavelle R, Strauss DJ. Down syndrome growth charts and trends in obesity. *Developmental Medicine and Child Neurology*, 2014; 56(s5):105-106.
3. Brooks J, Strauss DJ, Shavelle R, Hammond F, Harrison-Felix C. Prediction of long-term mortality in adults with traumatic brain injury (TBI) using age, sex, walking and feeding skills. *Brain Injury*, 28:694-695.
4. Brooks J, Strauss DJ, Shavelle R, Hammond F, Harrison-Felix C. A simple web-based calculator for long-term survival prognosis in adults with moderate-to-severe traumatic brain injury (TBI). *Brain Injury*, 28:719.
5. Brooks J, Shavelle R, Strauss DJ. Recent updates from the California database. *Developmental Medicine and Child Neurology*, 2013; 55(s3):48.
6. Brooks J, Tran L, Shavelle R, Strauss DJ. Concordance of survival models for children with cerebral palsy: a 24-year follow-up in the California database. *Developmental Medicine and Child Neurology*, 2012; 54(s6):46-47.
7. Brooks J, Shavelle R, Strauss DJ. Weight, BMI, and survival in ambulatory adults with cerebral palsy. *Developmental Medicine and Child Neurology*, 2011; 53(s5):9.
8. Tran LM, Brooks J, Strauss DJ. Respiratory health needs in children with cerebral palsy: Prevalence and mortality in California over a 14-year period. *Developmental Medicine and Child Neurology*, 2011; 53(s5):67-68.

9. Brooks J, Day S, Strauss DJ, Shavelle R. Gross Motor Function Classification System and survival in children and adolescents with cerebral palsy. *Developmental Medicine and Child Neurology*, 2010; 52(s5):20.
10. Day SM, Brooks J, Strauss DJ, Shumway S. Growth charts and predictors of weight and height for children with Down syndrome: recent findings from the California database. *Developmental Medicine and Child Neurology*, 2010; 52(s5):13.
11. Brooks J, Wu Y, Fisher-Owens S, Newman TB. Prevalence of kernicterus in California, 1988-1997. *Pediatric Academic Societies, Annual Meeting 2010*. Published online [2010] [2851.354].
Available at: http://www.abstracts2view.com/pasall/view.php?nu=PAS10L1_2808.
12. Brooks J, Day S, Strauss DJ, Shavelle R. Low weight and mortality in children with cerebral palsy: Recent findings from the California database. *Developmental Medicine and Child Neurology*, 2009; 51(s5):29.
13. Brooks J, Strauss DJ, Shavelle RM, Rosenbloom L. Life expectancy in cerebral palsy: Recent research from California. *Developmental Medicine and Child Neurology*, 2008; 50(s4):39-40.
14. Drake KA, Brooks J, McKeown K, Olson A, Ruark E, Burchard EG. Systematic comparison of haplotype inference error across diverse populations. Abstract/program #1940. Presented at the 59th Annual Meeting of the American Society of Human Genetics, October 22, 2009, Honolulu, Hawaii.

PROFESSIONAL ORGANIZATIONS

Fellow, American Academy for Cerebral Palsy and Developmental Medicine

AWARDS

2015 Certificate of Excellence in Reviewing, *American Journal of Preventative Medicine*

2014 Outstanding Contribution in Reviewing, *Archives of Physical Medicine and Rehabilitation*

2012 Erich Lehmann Award for outstanding PhD dissertation in theoretical statistics

2009 MacKeith Press Promising Career Award