

**Database Publications and Presentations**

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## NSCISC Authored Peer Reviewed Journal Articles Using NSCISC Database

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## **NSCISC Authored Book Chapters Using NSCISC Database**

1. DeVivo MJ, Whiteneck GG, Charles ED. The economic impact of spinal cord injury. In: Stover SL, DeLisa JA, Whiteneck GG., eds. Spinal cord injury: clinical outcomes from the model systems. Gaithersburg, MD: Aspen Publishers, 1995. p 234-271.
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## Sample of Publications Using NSCISC Database without NSCISC Authorship

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## **Published Books Based on NSCISC Database**

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## NSCISC Authored Presentations Using NSCISC Database

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39. DeVivo MJ, Black KJ, Go BK, Stover SL. Relationship between age and current health status for persons with spinal cord injury. Presented at the 68<sup>th</sup> Annual Session of the *American Congress of Rehabilitation Medicine*, **Washington, D.C.**, October 27-31, 1991.
40. DeVivo MJ, Black KJ, Go BK, Stover SL. Relationship between age and current health status for persons with spinal cord injury. Presented at the 18<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Toronto, **Canada**, May 8-10, 1992.
41. DeVivo MJ, Whiteneck GG, Stover SL, Charles ED, Black KJ. The lifetime costs of spinal cord injury: the model systems experience. Presented at the 18<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Toronto, **Canada**, May 8-10, 1992.
42. DeVivo MJ, Whiteneck GG, Stover SL, Charles ED, Black KJ. Lifetime direct costs of spinal cord injury. Presented at the 69<sup>th</sup> Annual Session of the *American Congress of Rehabilitation Medicine*, San Francisco, **California**, November 13-17, 1992.
43. DeVivo MJ. The economics of spinal cord injury: facts and figures. Presented at the *Conference on the Changing Face of Health Care in the 90's: Issues for People with Spinal Cord Injuries*, Ann Arbor, **Michigan**, May 1, 1993.
44. DeVivo MJ, Whiteneck GG, Stover SL, Charles ED. Indirect costs of spinal cord injury: the model systems experience. Presented at the 19<sup>th</sup> Annual meeting of the *American Spinal Injury Association*, San Diego, **California**, May 10-12, 1993.

45. James M, DeVivo MJ, Richards JS. Post injury employment outcomes of black vs. white spinal cord injured persons. Poster presented at the 2<sup>nd</sup> *World Conference on Injury Control*, Atlanta, **Georgia**, May 20-23, 1993.
46. DeVivo MJ. Comprehensive outcomes assessment following spinal cord injury. Workshop presented at the 70<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine*, Denver, **Colorado**, June 25-27, 1993.
47. DeVivo MJ. Economics and long-term survival after spinal cord injury. Presented at the 1993 *Annual Workers' Compensation Educational Seminar*, Atlanta, **Georgia**, August 29-31, 1993.
48. DeVivo MJ, Whiteneck GG, Stover SL, Charles ED. Lifetime direct and indirect costs of spinal cord injury. Presented at the 39<sup>th</sup> Annual Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 7-9, 1993.
49. DeVivo MJ, Hawkins LN, Richards JS. Outcomes of post-spinal cord injury marriages. Presented at the 20<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Philadelphia, **Pennsylvania**, April 25-27, 1994.
50. DeVivo MJ. Economics and survival. Presented at the 20<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Philadelphia, **Pennsylvania**, April 25-27, 1994.
51. Richards JS. National SCI statistical center: background and epidemiology. Presented at the 20<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Philadelphia, **Pennsylvania**, April 25-27, 1994.
52. Stover SL. Spinal cord model systems: two decades of managed care and follow-up. Presented at the 20<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Philadelphia, **Pennsylvania**, April 25-27, 1994.
53. Ivie CS, DeVivo MJ. Predicting unplanned rehospitalizations in persons with spinal cord injury. Presented at the 71<sup>st</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine*, Minneapolis, **Minnesota**, June 9-12, 1994.
54. DeVivo MJ, Hawkins LN, Richards JS, Go BK. Outcomes of post-spinal injury marriages. Presented at the 71<sup>st</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine*, Minneapolis, **Minnesota**, June 9-12, 1994.
55. Kewman DG, Cohen EH, DeVivo MJ, Dooley ML. Shortened initial hospital stay following spinal cord injury: health economics, health care reform, and patient outcomes. Workshop presented at the 8<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, **Nevada**, September 6-8, 1994.

56. Stover SL. Review of forty years of rehabilitation issues in spinal cord injury. Presented at the 40<sup>th</sup> Annual Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 6-8, 1994.
57. DeVivo MJ. Costs and funding of care for children with SCI. Presented at the *Joint Shriners Hospitals and American Academy of Orthopaedic Surgeons Symposium: the Child with a Spinal Cord Injury*, Phoenix, **Arizona**, December 8-11, 1994.
58. DeVivo MJ, Ivie CS. Life expectancy of ventilator-dependent persons with spinal cord injury. Presented at the 72<sup>nd</sup> Annual Meeting of the *Alabama Academy of Science*, Birmingham, **Alabama**, March 15-18, 1995.
59. Huang CT, DeVivo MJ, Stover SL. Endemic renal stones in persons with SCI. Poster presented at the 21<sup>st</sup> Annual meeting of the *American Spinal Injury Association*, Orlando, **Florida**, May 1-3, 1995.
60. DeVivo MJ, Ivie CS. Life expectancy of ventilator-dependent persons with spinal cord injuries. Presented at the 21<sup>st</sup> Annual Meeting of the *American Spinal Injury Association*, Orlando, **Florida**, May 1-3, 1995.
61. DeVivo MJ, Richards JS. Marriage rates among persons with spinal cord injuries. Presented at the 9<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, **Nevada**, September 5-7, 1995.
62. Stover SL. Spinal cord injury in the United States: the results of twenty years of model system experience. Presented at the *Contemporary Forums Conference on Spinal Cord Injuries: Issues and Advances*, New Orleans, **Louisiana**, September 11-13, 1995.
63. DeVivo MJ. Violence as a cause of spinal cord injury: epidemiological considerations. Presented at the *National Violence Prevention Conference*, Des Moines, **Iowa**, October 22-25, 1995.
64. DeVivo MJ. Update on statistics in spinal cord injury – care and mortality. Presented at the *Insurance Rehabilitation Study Group* Annual Meeting, Atlanta, **Georgia**, November 7-9, 1995.
65. Stover SL. The changing scene of spinal cord injury rehabilitation. Presented at the *Trauma Conference on Management of the Patient with Spinal Cord Injury*, Williamsburg, **Virginia**, April 10-12, 1996.
66. DeVivo MJ, Sekar P. Prevention of spinal cord injuries that occur in swimming pools. Presented at the 22<sup>nd</sup> Annual Meeting of the *American Spinal Injury Association*, Seattle, **Washington**, April 22-24, 1996.

67. Saulino MF, Ditunno JF, DeVivo MJ. Neurological characteristics of football-related SCI. Presented at the 22<sup>nd</sup> Annual Meeting of the *American Spinal Injury Association*, Seattle, **Washington**, April 22-24, 1996.
68. DeVivo MJ. Causes and costs of spinal cord injury in the United States. Presented at the 35<sup>th</sup> Annual Scientific Meeting of the *International Medical Society of Paraplegia*, Atlanta, **Georgia**, August 18-20, 1996.
69. DeVivo MJ. Aggregate costs of spinal cord injury in the United States. Poster presented at the 10<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, **Nevada**, September 1-6, 1996.
70. DeVivo MJ. Causes and costs of spinal cord injury in the United States. Poster presented at the 124<sup>th</sup> Annual Meeting of the *American Public Health Association*, New York, **New York**, November 17-21, 1996.
71. Jackson AB. Key medical complications facing SCI survivors after discharge. Presented at Issues of Post Acute Spinal Cord Injury Survivors Preconference Workshop, *National Association of Rehabilitation Practice*, New Orleans, **Louisiana**, April, 1997.
72. DeVivo MJ. Discharge disposition from model spinal cord injury system rehabilitation programs. Presented at the 11<sup>th</sup> Annual Conference of *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, **Nevada**, September 2-4, 1997.
73. Go BK. Epidemiology of spinal cord injury in the U.S. Presented at the *INSPIRE Workshop on Spinal Cord Injuries Management*, Delhi, **India**, March, 1998.
74. Go BK, Nagi BS, Murkerjee AK, Dutt V. Workshop on national spinal cord injury database management. Presented at the *Workshop on National SCI Database Management*, Delhi, **India**, March, 1998.
75. Go BK. Epidemiology of spinal cord injury in the U.S. Presented at the *Indo-American Workshop on Management of Spinal Cord Injuries*, Chandigarh, **India**, March, 1998.
76. DeVivo MJ. Discharge disposition from model spinal cord injury system rehabilitation programs. Presented at the 24<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Cleveland, **Ohio**, April 20-22, 1998.
77. Jackson AB, DeVivo MJ, Richards JS. The impact of violence on spinal cord injury. Presented at the 37<sup>th</sup> Annual Scientific Meeting of the *International Medical Society of Paraplegia*, Sao Paulo, **Brazil**, June, 1998.
78. Richards JS. The relationship between impairment, disability, handicap and life satisfaction. Presented at the 1998 *American Psychological Association* Annual Convention, San Francisco, **California**, August 14-18, 1998.

79. Dowler RN, Richards JS, Gordon W, Tate D. Satisfaction with life post-SCI: a normative study. Poster presented at the 12<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, Nevada, September 8-10, 1998.
80. Pierce CA, Richards JS, Gordon W, Tate D. Life satisfaction post-SCI and the WHO model of disablement. Poster presented at the 12<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, Nevada, September 8-10, 1998.
81. Richards JS, Dowler RN, Gordon W, Tate D. Satisfaction with life following spinal cord injury: a normative study. Poster presented at the 75<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine*, Seattle, Washington, November 9, 1998.
82. Richards JS, Pierce C, Gordon W, Tate D. Life satisfaction post-spinal cord injury and the World Health Organization model of disablement. Poster presented at the 75<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine*, Seattle, Washington, November 9, 1998.
83. DeVivo MJ. Recent mortality trends among persons with spinal cord injury. Presented at the 25<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Atlanta, Georgia, April 19-21, 1999.
84. DeVivo MJ. Epidemiology of suicide following spinal cord injury. Presented at the 13<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, Nevada, September 6-10, 1999.
85. DeVivo MJ. Changing trends in pediatric spinal cord injury. Presented at the *Howard H. Steel Conference on Pediatric SCI: Contemporary Principles and New Directions*, Rancho Mirage, California, December 3-5, 1999.
86. Richards JS. Quality of life post spinal cord injury: do findings from adults generalize to children with SCI? Presented at the *Howard H. Steel Conference on Pediatric SCI: Contemporary Principles and New Directions*, Rancho Mirage, California, December 3-5, 1999.
87. DeVivo MJ. National spinal cord injury statistical center database, 1973-2000. Presented at the *Gruppo Italiano di Studio Epidemiologico Sulle Mielolesioni (GISEM) Meeting*, Parma, Italy, March 31, 2000.
88. DeVivo MJ. The epidemiology of spinal cord injury. Presented at the *Gruppo Italiano di Studio Epidemiologico Sulle Mielolesioni (GISEM) Meeting*, Parma, Italy, March 31, 2000.

89. DeVivo MJ. Prevention of spinal cord injuries resulting from falls. Presented at the 26<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Chicago, **Illinois**, April 14-16, 2000.
90. Chen Y, Roseman JM, DeVivo MJ, Huang CT. Geographic variation and environmental risk factors for kidney stones in persons with spinal cord injury. Presented at the 26<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Chicago, **Illinois**, April 14-16, 2000.
91. Chen Y, DeVivo MJ, Roseman JM. Current trend and risk factors for kidney stones in persons with spinal cord injury. Presented at the 26<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Chicago, **Illinois**, April 14-16, 2000.
92. DeVivo MJ. National spinal cord injury statistical center database. Presented at the *Interagency Subcommittee on Disability Statistics International Teleconference*, Centers for Disease Control, Atlanta, **Georgia**, June 14, 2000.
93. DeVivo MJ. Changing trends in pediatric spinal cord injury. Presented at the 46<sup>th</sup> Annual Scientific Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 5-7, 2000.
94. Dowler RN, Putzke JD, Richards JS. Quality of life following spinal cord injury: transitions in adolescence. Poster presented at the 14<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, **Nevada**, September 5-7, 2000.
95. Wang CM, Chen Y, DeVivo MJ, Huang CT. Epidemiology of extraspinal fractures associated with acute spinal cord injury. Presented at the Annual Meeting of the *Rehabilitation Medicine Association*, Taipei, **Taiwan**, December 16-17, 2000.
96. DeVivo MJ. Recent trends in spinal cord injury rehabilitation practices and outcomes. Presented at the 27<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Long Beach, **California**, May 18-20, 2001.
97. Wang CM, Chen Y, DeVivo MJ, Huang CT. Epidemiology of extraspinal fractures associated with acute spinal cord injury. Presented at the 27<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Long Beach, **California**, May 18-20, 2001.
98. DeVivo MJ. Recent trends in spinal cord injury rehabilitation practices and outcomes. Presented at the 47<sup>th</sup> Annual Scientific Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 4-6, 2001.
99. Chen Y, Wang CM, DeVivo MJ, Huang CT. Ten year experience of SCI with concurrent extraspinal fractures. Presented at the 47<sup>th</sup> Annual Scientific Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 4-6, 2001.

100. Klebine P, Lindsey L, DeVivo MJ. Spinal cord injury education: finding useful information for patients, families and professionals. Poster presented at the 15<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, **Nevada**, September 4-6, 2001.
101. Lindsey L, Kurilla L. Changing roles – continuing needs in SCI education. Presented at the 18<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Nurses*, Las Vegas, **Nevada**, September 4-6, 2001.
102. Pierce C, Richards JS. Demographic variation in participation/handicap in persons with spinal cord injury. Poster presented at the 15<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, **Nevada**, September 4-6, 2001.
103. DeVivo MJ. The model systems for spinal cord injury research and practice: update on the current cycle. Presented at the 78<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine*, Tucson, **Arizona**, October 25-28, 2001.
104. Richards JS. The model systems for spinal cord injury research and practice: update on the current cycle. Presented at the 78<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine*, Tucson, **Arizona**, October 25-28, 2001.
105. DeVivo MJ. Development and utilization of clinical research databases – the spinal cord injury model. Presented at the *Johns Hopkins University Department of Physical Medicine and Rehabilitation* Symposium, Baltimore, **Maryland**, March 18, 2002.
106. DeVivo MJ. Descriptive epidemiology and implications for prevention of SCI due to falls. Presented at the joint 41<sup>st</sup> Annual Scientific Meeting of the *International Medical Society of Paraplegia* and the 28<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Vancouver, **Canada**, May 3-5, 2002.
107. DeVivo MJ. The National Spinal Cord Injury Statistical Center and National Shrine Spinal Cord Injury Databases. Presented at the *Workshop on Working Towards an International Spinal Cord Injury Data Set*, Vancouver, **Canada**, May 2, 2002.
108. DeVivo MJ. Overview of the National Spinal Cord Injury Statistical Center Database. Presented at the 48<sup>th</sup> Annual Scientific Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 3-5, 2002.
109. Barrett JJ, Putzke JD, Richards JS. Elderly with spinal cord injury (SCI): outcome differences for those with early versus late SCI onset. Poster presented at the 16<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, **Nevada**, September 3-5, 2002.



110. DeVivo MJ. The odds of dying each year after spinal cord injury. Presented at the 29<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Miami, **Florida**, April 4-6, 2003.
111. Lloyd LK. Information from the UAB and national SCI database: bladder management in the real world. Presented at the Annual Meeting of the *Society for Urodynamics and Female Urology, American Urological Association*, Chicago, **Illinois**, April 26, 2003.
112. Chen Y, DeVivo MJ, Jackson AB. Epidemiology of pressure sores in persons with spinal cord injury: a longitudinal study 1986-2002. Poster presented at the 36<sup>th</sup> Annual Meeting of the *Society for Epidemiologic Research*, Atlanta, **Georgia**, June 11-14, 2003.
113. DeVivo MJ. The odds of dying each year after spinal cord injury. Presented at the 49<sup>th</sup> Annual Scientific Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 2-4, 2003.
114. DeVivo MJ. The national spinal cord injury statistical center database. Presented at the 25<sup>th</sup> Annual *SCI Model Centers OT/PT Leadership Forum*, Birmingham, **Alabama**, October 9-11, 2003.
115. Biering-Sorensen F, DeVivo MJ, Noonan V, Post M, Stripling T, Wing P. International SCI data set. Presented at the 42<sup>nd</sup> Annual Scientific Conference of the *International Spinal Cord Society*, Beijing, **China**, October 15-18, 2003.
116. DeVivo MJ. The national SCI model systems database: lessons learned and still being learned. Presented at the *Pre-Course on Evidence-Based Practice and Outcomes Research in Pediatric Rehabilitation*, Orlando, **Florida**, December 6, 2003.
117. DeVivo MJ, Vogel L. Epidemiology of spinal cord injuries in children and adolescents. Presented at the *Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord*, Orlando, **Florida**, December 7-9, 2003.
118. Anderson C, DeVivo MJ. Mortality in pediatric SCI. Presented at the *Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord*, Orlando, **Florida**, December 7-9, 2003.
119. Kogos SC, Richards JS, Banos J. Visceral pain and quality of life in persons with spinal cord injury. Poster presented at the 6<sup>th</sup> Annual Conference of *Division 22 (Rehabilitation Psychology) of the American Psychological Association*, Seattle, **Washington**, March 5-7, 2004.
120. Krause JS, DeVivo MJ, Jackson AB. Risk factors for mortality after spinal cord injury. Presented at the 30<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Denver, **Colorado**, May 14-16, 2004.

121. Jackson AB, Dijkers M, DeVivo MJ, Poczatek R. SCI in the last 30 years: a demographic profile of new injuries. Presented at the 30<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Denver, **Colorado**, May 14-16, 2004.
122. Chen Y, DeVivo MJ, Jackson AB. Longitudinal study of pressure ulcers following spinal cord injury, 1986-2002. Presented at the 30<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Denver, **Colorado**, May 14-16, 2004.
123. Bombardier CH, Richards JS, Krause JS, Tulsy D, Tate D. Frequency, phenomenology and correlates of probable major depression one year after spinal cord injury. Poster presented at the 30<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Denver, **Colorado**, May 14-16, 2004.
124. Cardenas DD, Bryce TB, Shem K, Elhefni H, Richards JS. Gender/minority differences in the pain experience of persons with spinal cord injury. Presented at the 30<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Denver, **Colorado**, May 14-16, 2004.
125. Richards JS. Pain following SCI: prevalence, impact, and implications from translational work (Invited Diller Lecture). Presented at the Annual Meeting of the *American Psychological Association*, Honolulu, **Hawaii**, July 30-August 1, 2004.
126. DeVivo MJ, Jackson AB, Dijkers M, Poczatek R. Etiology of spinal cord injury: trends over three decades. Presented at the 50<sup>th</sup> Annual Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 7-9, 2004.
127. Vogel LC, Betz RR, DeVivo MJ, McDonald CM. Spinal cord injuries in infants and young children. Presented at the 50<sup>th</sup> Annual Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 7-9, 2004.
128. Wilson MW, Richards JS, Klapow JC, DeVivo MJ, Greene P. Cluster analysis and chronic pain: an empirical classification of pain groups and discriminating factors in a spinal cord injury population. Poster presented at the 18<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, **Nevada**, September 7-9, 2004.
129. Kogos SC, Richards JS, Banos J. Visceral pain and life quality: life span issues for persons with spinal cord injury. Poster presented at the 18<sup>th</sup> Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Las Vegas, **Nevada**, September 7-9, 2004.
130. Krause JS, DeVivo MJ, Jackson AB. Health status, community integration and economic risk factors for mortality after spinal cord injury. Presented at the 81<sup>st</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine*, Ponte Vedra Beach, **Florida**, September 9-12, 2004.

131. DeVivo MJ, Krause JS, Jackson AB. Health status, community integration and economic risk factors for mortality after spinal cord injury. Presented at the 43<sup>rd</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Athens, **Greece**, September 26-29, 2004.
132. DeVivo MJ. Epidemiology of pediatric spinal cord injury. Presented at the *Contemporary Topics in Pediatric Spinal Cord Injury* Conference, Philadelphia, **Pennsylvania**, October 11-12, 2004.
133. DeVivo MJ. Morbidity and mortality of children with spinal cord injury. Presented at the *Contemporary Topics in Pediatric Spinal Cord Injury* Conference, Philadelphia, **Pennsylvania**, October 11-12, 2004.
134. DeVivo MJ. Lifetime costs of caring for children with spinal cord injury. Presented at the *Contemporary Topics in Pediatric Spinal Cord Injury* Conference, Philadelphia, **Pennsylvania**, October 11-12, 2004.
135. Biering-Sorensen F, Charlifue S, DeVivo MJ, Noonan V, Post M, Stripling T, Wing P. International SCI data set. Presented at the *Sociedad Espanola de Paraplejia*, Toledo, **Spain**, October 27, 2004.
136. Biering-Sorensen F, Charlifue S, DeVivo MJ, Noonan V, Post M, Stripling T, Wing P. International SCI data set. Presented at the Annual Meeting of the *Baltic Spinal Cord Society*, Riga, **Latvia**, October 29, 2004.
137. DeVivo MJ. Three decades of experiences and treatment outcomes of the US spinal cord injury model systems. Presented at the *Royal Adelaide Hospital Grand Rounds*, Adelaide, **Australia**, November 16, 2004.
138. DeVivo MJ. Spinal cord injury registries and databases in the United States. Presented at the *Spinal Cord Injury Register Workshop*, Adelaide, **Australia**, November 17, 2004.
139. DeVivo MJ. Moderator for methodological “show and tell” session. Session presented at the *Spinal Cord Injury Register Workshop*, Adelaide, **Australia**, November 17, 2004.
140. DeVivo MJ. Rehabilitation adds life to years – experiences of the US model systems. Presented at the 2004 Annual Scientific Meeting of the *Australia and New Zealand Spinal Cord Society*, Adelaide, **Australia**, November 18-20, 2004.
141. DeVivo MJ. Life expectancy and costs of care for persons with spinal cord injury. Presented to the *Motor Accident Commission of South Australia*, Adelaide, **Australia**, November 18, 2004.
142. DeVivo MJ. Epidemiology and economics of spinal cord injury in the United States. Presented at the *Novartis Health Economics Panel on Spinal Cord Injury*, Venice, **Italy**, March 22-23, 2005.

143. DeVivo MJ. Expected short-term outcomes and prognostic factors for spinal cord injury. Presented at the *Spinal Cord Systems of Care Outcomes Benchmarking Conference*, Memphis, **Tennessee**, April 19-21, 2005.
144. Chen Y, DeVivo MJ, Oleson CV, Jackson AB. Gender difference in the incidence of extraspinal fractures associated with acute spinal cord injury. Presented at the 31<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Dallas, **Texas**, May 12-14, 2005.
145. Pflaum C, McCollister G, Strauss DJ, Shavelle RM, DeVivo MJ. Worklife following traumatic spinal cord injury. Presented at the 31<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Dallas, **Texas**, May 12-14, 2005.
146. Biering-Sorensen F, Charlifue S, DeVivo MJ, Noonan V, Post M, Stripling T, Wing P. International SCI Data Set. Presented at the 31<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Dallas, **Texas**, May 12-14, 2005.
147. DeVivo MJ, Biering-Sorensen F, Charlifue S, Noonan V, Post M, Stripling T, Wing P. International SCI Core Data Set. Presented at the 31<sup>th</sup> Annual Meeting of the *American Spinal Injury Association*, Dallas, **Texas**, May 12-14, 2005.
148. Chen Y, DeVivo MJ. Epidemiology of extraspinal fractures in acute spinal cord injury. Poster presented at the joint meeting of the *Society for Epidemiologic Research and the Canadian Society of Epidemiology and Biostatistics*, Toronto, **Canada**, June 27-30, 2005.
149. Charlifue S, Biering-Sorensen F, DeVivo MJ, Noonan V, Post M, Stripling T, Wing P. International SCI Data Set. Presented at the 51<sup>st</sup> Annual Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 6-8, 2005.
150. DeVivo MJ, Biering-Sorensen F, Charlifue S, Noonan V, Post M, Stripling T, Wing P. International SCI Core Data Set. Presented at the 51<sup>st</sup> Annual Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 6-8, 2005.
151. Biering-Sorensen F, Charlifue S, DeVivo MJ, Noonan V, Post M, Stripling T, Wing P. International SCI Data Set. Presented at the 44<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Munich, **Germany**, October 5-7, 2005.
152. DeVivo MJ, Biering-Sorensen F, Charlifue S, Noonan V, Post M, Stripling T, Wing P. International SCI Core Data Set. Presented at the 44<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Munich, **Germany**, October 5-7, 2005.
153. DeVivo MJ. Trends in spinal cord injury rehabilitation outcomes: 1973-2005. Sir Ludwig Guttmann Memorial Lecture presented at the 45<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Boston, **Massachusetts**, June 24-28, 2006.

154. DeVivo MJ, Biering-Sorensen F, Charlifue S, Noonan V, Post M, Stripling T, Wing P. International SCI Core Data Set. Presented at the 45<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Boston, **Massachusetts**, June 24-28, 2006.
155. Lloyd LK, Arisco A, Tseng J, Chen Y. Long-term bladder management in spinal cord injury: data from the National Spinal Cord Injury Statistical Center and the University of Alabama at Birmingham databases. Presented at the 45<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Boston, **Massachusetts**, June 24-28, 2006.
156. DeVivo MJ. Trends in spinal cord injury rehabilitation outcomes: 1973-2005. Poster presented at the 52<sup>nd</sup> Annual Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 5-7, 2006.
157. DeVivo MJ, Shavelle RM, Strauss DJ, Paculdo DR, Lammertse DP, Vogel LC, Reynolds RJ. New findings regarding long-term survival after spinal cord injury. Poster presented at the 52<sup>nd</sup> Annual Conference of the *American Paraplegia Society*, Las Vegas, **Nevada**, September 5-7, 2006.
158. Chen Y. Spinal cord injury: trends over three decades. Presented at the *Second Annual Spinal Cord Injury Conference*, Oklahoma City, **Oklahoma**, September 15, 2006.
159. DeVivo MJ. Prognostic factors for long-term survival following spinal cord injury. Presented at the joint 83<sup>rd</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine* and the 13<sup>th</sup> Annual Meeting of the *American Society of Neurorehabilitation*, Boston, **Massachusetts**, September 27-30, 2006.
160. Chen Y, DeVivo MJ, Chao J. Sponsorship and initial rehabilitation outcomes in spinal cord injury. Poster presented at the 83<sup>rd</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine* and the 13<sup>th</sup> Annual Meeting of the *American Society of Neurorehabilitation Medicine*, Boston, **Massachusetts**, September 27-30, 2006.
161. Chen Y, DeVivo MJ, Chao J. Longitudinal outcomes and third party payors in spinal cord injury. Poster presented at the 67<sup>th</sup> Annual Assembly of the *American Academy of Physical Medicine and Rehabilitation*, Honolulu, **Hawaii**, November 9-12, 2006.
162. Shavelle RM, DeVivo MJ, Vogel LC, Strauss DJ, Paculdo DR. Long-term survival after childhood spinal cord injury. Presented at the *Howard H. Steele Conference: Injuries and Dysfunction of the Spinal Cord in Children*, Orlando, **Florida**, November 29 – December 2, 2006.
163. DeVivo MJ. Epidemiology of pediatric SCI: yesterday, today and tomorrow. Presented at the *Howard H. Steele Conference: Injuries and Dysfunction of the Spinal Cord in Children*, Orlando, **Florida**, November 29 – December 2, 2006. (Invited Keynote Presentation)

164. DeVivo MJ. Health of adults with spinal cord injuries. Presented at the *Combined Sections Meeting of the American Physical Therapy Association*, Boston, **Massachusetts**, February 14-18, 2007.
165. DeVivo MJ, Vogel LC. Risk factors and causes of death after pediatric spinal cord injury. Poster presented at the 33<sup>rd</sup> Annual Scientific Meeting of the *American Spinal Injury Association*, Tampa, **Florida**, May 30 – June 2, 2007.
166. DeVivo MJ. Epidemiology of pediatric spinal cord injury: yesterday, today, and tomorrow. Presented at the 33<sup>rd</sup> Annual Scientific Meeting of the *American Spinal Injury Association*, Tampa, **Florida**, May 30 – June 2, 2007.
167. DeVivo MJ. Epidemiology of pediatric SCI: past, present & future. Presented at the *International Meeting on Upper Limb in Tetraplegia*, Philadelphia, **Pennsylvania**, September 17-20, 2007. (Invited Keynote Presentation)
168. DeVivo MJ, Vogel LC. Risk factors and causes of death following pediatric spinal cord injury. Presented at the *International Meeting on Upper Limb in Tetraplegia*, Philadelphia, **Pennsylvania**, September 17-20, 2007.
169. DeVivo MJ. Trends in spinal cord injury rehabilitation outcomes, 1973-2006. Presented at the 68<sup>th</sup> Annual Assembly of the *American Academy of Physical Medicine and Rehabilitation*, Boston, **Massachusetts**, September 27-30, 2007.
170. Lin H, Chen Y, DeVivo MJ. Loss to follow-up rates and characteristics in the spinal cord injury model systems database. Poster presented at the 84<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine* and the 14<sup>th</sup> Annual Meeting of the *American Society of Neurorehabilitation Medicine*, Washington, **DC**, October 3-7, 2007.
171. DeVivo MJ. Trends in spinal cord injury rehabilitation outcomes, 1973-2006. Presented at the *Faculty Development Seminar, Medical University of South Carolina*, Charleston, **South Carolina**, March 6, 2008.
172. DeVivo MJ, Chen Y. Cost of care following SCI. Presented at the 34<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, San Diego, **California**, June 19-22, 2008.
173. Chen Y, Lin H-Y, DeVivo MJ. Racial/ethnic differences in data quality: model SCI systems' experience. Presented at the 34<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, San Diego, **California**, June 19-22, 2008.
174. DeVivo MJ. Epidemiology of pediatric spinal cord injury: yesterday, today and tomorrow. Presented at the 54<sup>th</sup> Annual Conference of the *American Paraplegia Society*, Orlando, **Florida**, August 11-13, 2008.

175. DeVivo MJ, Chen Y. Cost of care following SCI. Presented at the 54<sup>th</sup> Annual Conference of the *American Paraplegia Society*, Orlando, **Florida**, August 11-13, 2008.
176. Qu H, Shewchuk RM, Chen Y, Richards JS. The comparison of rehabilitation outcomes for patients with spinal cord injury before and after prospective payment system implementation. Poster presented at the 85<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine* and 15<sup>th</sup> Annual Meeting of the *American Society of Neurorehabilitation*, Toronto, **Canada**, October 15-19, 2008.
177. DeVivo MJ, Biering-Sorensen F, Post M, Wing P, Charlifue S, Noonan V, Stripling T. International spinal cord injury core data set. Presented at the *Meeting on International Spinal Cord Injury Standards and Data Sets*, Humlebaek, **Denmark**, October 25, 2008.
178. DeVivo MJ. Demographic trends, aging and predictors of spinal cord injury. Presented at the 10<sup>th</sup> Annual Conference of the *Multidisciplinary Association of Spinal Cord Injury Professionals (MASCIP)*, London, **England**, November 13-14, 2008.
179. Cao Y, Chen Y. Racial/ethnic disparities in health outcomes among persons with spinal cord injury. Poster presented at the *UAB Health Disparities Research Symposium*, Birmingham, **Alabama**, April 29, 2009.
180. DeVivo MJ. Outcomes in the model systems. Presented at the *MIO Coordinator Training Conference*, Seattle, **Washington**, August 4-6, 2009.
181. DeVivo MJ. Outcomes following spinal cord injury. Presented at the *Department of Physical Medicine and Rehabilitation Grand Rounds, University of Pittsburgh Medical Center*, Pittsburgh, **Pennsylvania**, August 27, 2009.
182. DeVivo MJ, Chen Y. Trends in incidence, prevalence, and aging with spinal cord injury. Presented at the joint 35<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association* and the First Annual Meeting of the *Congress of Spinal Cord Medicine and Rehabilitation*, Dallas, **Texas**, September 24-27, 2009.
183. Jackson AB, DeVivo MJ. Neurorecovery and health status following SCI – one-year prospective comparison of 314 individuals from the national SCI statistical center database. Poster presented at joint 35<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association* and the First Annual Meeting of the *Congress of Spinal Cord Medicine and Rehabilitation*, Dallas, **Texas**, September 24-27, 2009.
184. DeVivo MJ. Epidemiology of pediatric spinal cord injury. Presented at the 48<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Florence, **Italy**, October 21-24, 2009.
185. DeVivo MJ. Etiology of SCI in the USA. Presented at the 48<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Florence, **Italy**, October 21-24, 2009. (Invited Presentation)

186. Chen Y, Cao Y, Allen V, Richards JS. Weight matters: physical and psychosocial health of persons with spinal cord injury in relation to body mass index. Presented at the 48<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Florence, **Italy**, October 21-24, 2009.
187. DeVivo MJ. Prognostic factors for long-term survival following spinal cord injury. Presented at the *Munich Reinsurance Seminar on Catastrophic Injuries*, London, **England**, December 2, 2009. (Invited Keynote Presentation)
188. Vogel LC, Chlan KM, DeVivo MJ. Life expectancy for individuals with pediatric-onset spinal cord injuries. Presented at the *Howard H. Steel Conference on Pediatric Spinal Cord Injuries*, Orlando, **Florida**, December 3-5, 2009.
189. Okonkwo OG, Chen Y, DeVivo MJ. Racial disparities in mortality and causes of death among persons with spinal cord injury. Presented at the Annual *Health Disparities Research Symposium "The Science of Eliminating Health Disparities: From Discovery to Delivery"*, *UAB Minority Health & Health Disparities Research Center*, Birmingham, **Alabama**, April 21, 2010.
190. Chen Y, Cao Y, Allen V, Richards JS. Impact of underweight on physical and psychological health of persons with SCI. Presented at the 36<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Nashville, **Tennessee**, May 26-28, 2010.
191. DeVivo MJ, Chen Y, Krause JS, Saunders LL. Causes of death following SCI. Presented at the 36<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Nashville, **Tennessee**, May 26-28, 2010.
192. Krause JS, Saunders LL, DeVivo MJ. Economic factors and risk of mortality after SCI. Presented at the 36<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Nashville, **Tennessee**, May 26-28, 2010.
193. Loats J, Bland T, Chen Y. The SCI model systems' national database: public access via internet querying. Poster presented at the Annual Meeting of the *American Association of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 22-24, 2010.
194. Botticello AL, Chen Y, Cao Y, Tulsy D. Community-Level influences on employment after spinal cord injury. Poster presented at the Annual Meeting of the *American Association of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 22-24, 2010.
195. Nfedo, DeVivo MJ, Chen Y. Spinal cord injury: prevalence and aging. Poster presented at the Annual Meeting of the *UAB Center for Aging*, Birmingham, **Alabama**, October 14, 2010.



196. Cao Y, Chen Y. Education matters: a life-course study of health and life satisfaction after spinal cord injury. Poster presented at the Annual Meeting of the *UAB Center for Aging*, Birmingham, **Alabama**, October 14, 2010.
197. Chen Y, Okonkwo OG, Cao Y, DeVivo MJ. Racial/ethnic disparities in mortality and causes of death in persons with spinal cord injury. Presented at the 49<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, New Delhi, **India**, October 29-31, 2010.
198. Cao Y, Chen Y. Cumulative effect of education over time on health after spinal cord injury. Poster presented at the 138th Annual Meeting of the *American Public Health Association*, Denver, **Colorado**, November 6-10, 2010.
199. DeVivo MJ. Pediatric spinal cord injury over the last two decades. Presented at the *Shriners Hospital Research Conference*, Philadelphia, **Pennsylvania**, December 16-17, 2010.
200. DeVivo MJ. US model systems: overview, current status, funding and future direction. Presented at the *Shriners Hospital Research Conference*, Philadelphia, **Pennsylvania**, December 16-17, 2010.
201. DeVivo MJ. Epidemiology of spinal cord injury: trends and future implications. Presented at the *State of the Science in Spinal Cord Injury (SCI) Rehabilitation: Informing a New Research Agenda Conference*, Washington, **DC**, June 4, 2011.
202. Chen Y, DeVivo MJ, Ndefo C, Lloyd LK. Bladder cancer after spinal cord injury: mortality risk and risk factors. Presented at the 50<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Washington, **DC**, June 5-8, 2011.
203. DeVivo MJ, Chen Y, Krause JS, Saunders LL. Causes of death following spinal cord injury. Presented at the 50<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Washington, **DC**, June 5-8, 2011.
204. DeVivo MJ, Chen Y, Krause JS, Saunders LL. Gains in life expectancy after SCI by preventing individual causes of death. Presented at the 50<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Washington, **DC**, June 5-8, 2011.
205. DeVivo MJ, Biering-Sorensen F, Charlifue S, Grinnon ST, Kleitman N, Lu Y, Odenkirchen J. International spinal cord injury core data set. Presented at the 50<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Washington, **DC**, June 5-8, 2011.
206. DeVivo MJ, Chen Y, Krause JS, Saunders LL. Causes of death following spinal cord injury. Presented at the 2011 Annual Meeting of the *Academy of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 5-7, 2011.

207. Zebracki K, DeVivo MJ, Chlan K, Vogel LC. Causes of death for children and adolescents with a spinal cord injury. Presented at the 2011 Annual Meeting of the *Academy of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 5-7, 2011.
208. DeVivo MJ, Chen Y, Krause JS, Saunders LL. Gains in life expectancy by preventing individual causes of death. Presented at the 2011 Annual Meeting of the *Academy of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 5-7, 2011.
209. Zebracki K, DeVivo MJ, Chlan K, Vogel L. Cause of death for children and adolescents with a spinal cord disorder. Poster presented at the 65<sup>th</sup> Annual Meeting of the *American Academy of Cerebral Palsy and Developmental Medicine*, Las Vegas, **Nevada**, October 12-15, 2011.
210. Cao Y, Chen Y, DeVivo MJ. Trends in suicide mortality after spinal cord injury 1973-2009. Poster presented at the 88<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine* and 18<sup>th</sup> Annual Meeting of the *American Society of Neurorehabilitation*, Atlanta, **Georgia**, October 11-15, 2011.
211. DeVivo MJ. Racial trends and outcomes in persons treated at SCI model systems. Presented at the 88<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine* and 18<sup>th</sup> Annual Meeting of the *American Society of Neurorehabilitation*, Atlanta, **Georgia**, October 11-15, 2011.
212. Powell D, Chen Y. Analysis of racial differences in the rate of weight gain in individuals with spinal cord injury. Poster presented at the *Race, Ethnicity, and Disabilities: State of the Science Conference*. Arlington, **Virginia**, March 1-2, 2012.
213. Powell D, Chen Y. Rate of weight change in whites and blacks with spinal cord injury. Presented at the 7<sup>th</sup> Annual *Health Disparities Research Symposium*, Birmingham, **Alabama**, April 10, 2012.
214. DeVivo MJ, Chen Y, Krause JS, Saunders LL. Trends in mortality risk factors by length of survival after spinal cord injury. Poster presented at the 38<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Denver, **Colorado**, April 19-21, 2012.
215. DeVivo MJ, Chen Y, Krause JS, Saunders LL. Trends in age-adjusted cause-specific mortality rates after spinal cord injury. Presented at the 38<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Denver, **Colorado**, April 19-21, 2012.
216. Chen Y. SCI facts and figures: who, what, how. Presented at the 38<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Denver, **Colorado**, April 19-21, 2012.
217. Chen Y, Allen V, DeVivo M. Spinal cord injury model systems database: continuing 40 years of progress. Presented at the *Rick Hansen i2012 Conference*, Vancouver, **Canada**, May 15-18, 2012.

218. Chen Y, DeVivo MJ, Krause JS, Saunders LL. Trends in age-adjusted cause-specific mortality rates after spinal cord injury. Presented at the 51<sup>st</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, London, **England**, September 3-5, 2012.
219. Schwab J, Failli V, Kopp MA, Gericke C, Martus P, Klingbeil S, Brommer B, Laginha I, Chen Y, DeVivo MJ, Dirnagl U. Impaired neurological recovery of spinal cord injury of spinal cord injured patients with infections. Presented at the 51<sup>st</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, London, **England**, September 3-5, 2012.
220. DeVivo MJ. Epidemiology of traumatic spinal cord injury: trends and future implications. Donald Munro Lecture presented at the Annual Meeting of the *Academy of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 2-5, 2012.
221. Tang Y, Allen T, DeVivo MJ, Chen Y. Aging with spinal cord injury: current trends in external causes. Poster presented at the 20<sup>th</sup> Annual Symposium of the *UAB Center for Aging*, Birmingham, **Alabama**, October 19, 2012.
222. DeVivo MJ. ASIA Lectureship: Morbidity and mortality in pediatric onset SCI. Presented at the *Howard H. Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction*, Orlando, **Florida**, November 29 – December 1, 2012.
223. DeVivo MJ, Chen Y, Krause JS, Saunders LL, Cao Y. Causes of death following spinal cord injury: trends and competing risks. Presented at the *State of the Science of Prevention and Management of Secondary Health Conditions in People after Spinal Cord Injury Preconference to the 39<sup>th</sup> Annual Scientific Session of the American Spinal Injury Association*, Chicago, **Illinois**, May 5, 2013.
224. DeVivo MJ. Longitudinal trends in pediatric-adolescent SCI: injury characteristics, morbidity and mortality. Presented at the 39<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Chicago, **Illinois**, May 6-8, 2013.
225. DeVivo MJ, Biering-Sorensen F, New P, Chen Y. Standardization in reporting data related to the international SCI core data set. Presented at the 39<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Chicago, **Illinois**, May 6-8, 2013.
226. Tang Y, Allen T, DeVivo MJ, Chen Y. Aging with spinal cord injury: current trends in external causes. Poster presented at the 39<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Chicago, **Illinois**, May 6-8, 2013.
227. Allen T, Tang Y, Chen Y. Traumatic SCI etiology trends for African Americans. Poster presented at the 39<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Chicago, **Illinois**, May 6-8, 2013.
228. Powell DK, Chen Y. Analysis of neurologic level effect on the rate of weight gain in individuals with spinal cord injury. Poster presented at the 39<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Chicago, **Illinois**, May 6-8, 2013.

229. Kim H, Chen Y, Cutter GR. Modeling to predict loss to follow-up in the spinal cord injury model systems database. Poster presented at the 39<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Chicago, **Illinois**, May 6-8, 2013.
230. DeVivo MJ, Chen Y, Krause JS, Saunders LL, Cao Y. Suicide in an aging spinal cord injury population. Presented at the 2013 Annual Meeting of the *Association of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 1-4, 2013.
231. DeVivo MJ, Chen Y, Krause JS, Saunders LL, Cao Y. Causes of death in an aging spinal cord injury population. Presented at the 2013 Annual Meeting of the *Association of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 1-4, 2013.
232. Nahm L, Chen Y, DeVivo MJ. Bladder cancer after spinal cord injury: mortality risk. Presented at the 2013 Annual Assembly of the *American Academy of Physical Medicine and Rehabilitation*, Baltimore, **Maryland**, October 3-6, 2013.
233. DeVivo MJ, Chen Y, Krause JS, Saunders LL, Cao Y. Suicide in an aging spinal cord injury population. Presented at the 52<sup>nd</sup> Annual Meeting of the *International Spinal Cord Society*, Istanbul, **Turkey**, October 28-30, 2013.
234. Chen Y, DeVivo MJ. Endocrine, nutritional and metabolic diseases after spinal cord injury: mortality risk and trends. Presented at the 52<sup>nd</sup> Annual Meeting of the *International Spinal Cord Society*, Istanbul, **Turkey**, October 28-30, 2013.
235. DeVivo MJ, Biering-Sorensen F, New P, Chen Y. Standardization in reporting data related to the international SCI core data set. Presented at the 52<sup>nd</sup> Annual Meeting of the *International Spinal Cord Society*, Istanbul, **Turkey**, October 28-30, 2013.
236. DeVivo MJ, Chen Y, Krause JS, Saunders LL, Cao Y. Causes of death in an aging spinal cord injury population. Poster presented at the 52<sup>nd</sup> Annual Meeting of the *International Spinal Cord Society*, Istanbul, **Turkey**, October 28-30, 2013.
237. Tang Y, Allen T, Chen Y. Vehicular crashes as a cause of spinal cord injury: descriptive statistics from the national spinal cord injury database in the US. Poster presented at the 52<sup>nd</sup> Annual Meeting of the *International Spinal Cord Society*, Istanbul, **Turkey**, October 28-30, 2013.
238. Chen Y, DeVivo MJ, Nahm LS. Bladder cancer mortality and risk factors in the spinal cord injury population. Presented at the 40<sup>th</sup> Annual Scientific Meeting of the *American Spinal Injury Association*, San Antonio, **Texas**, May 14-17, 2014.
239. Chen Y, Tang Y, Vogel LC. Spinal cord injury resulting from pedestrian injury: facts and figures. Presented at the 40<sup>th</sup> Annual Scientific Meeting of the *American Spinal Injury Association*, San Antonio, **Texas**, May 14-17, 2014.

240. Tang Y, Allen T, Chen Y, DeVivo MJ. Vehicular crashes as a cause of spinal cord injury: Descriptive statistics from the National Spinal Cord Injury Database in the US. Poster presented at the *Paralyzed Veterans of America's Summit 2014 Expo*, Las Vegas, **Nevada**, August 26-28, 2014.
241. DeVivo MJ, Chen Y, Krause JS, Saunders LL, Cao Y. Causes of death in an aging spinal cord injury population. Poster presented at the *Paralyzed Veterans of America's Summit 2014 Expo*, Las Vegas, **Nevada**, August 26-28, 2014.
242. Chen Y, DeVivo MJ. Endocrine, nutritional and metabolic diseases after spinal cord injury: mortality risk and trends. Presented at the *Paralyzed Veterans of America's Summit 2014 Expo*, Las Vegas, **Nevada**, August 26-28, 2014.
243. Cuthbert J, Charlifue S, Chen D, Chen Y, Deutsch A, Dijkers M, Graham J, Heinemann A, Lammertse D. Generalizability of spinal cord injury model systems data 2001-2010. Presented at the 2014 Annual Meeting of the *Academy of Spinal Cord Injury Professionals*, Saint Louis, **Missouri**, August 31 – September 3, 2014.
244. Chen Y, Tang Y, McLain AB, Iezzoni LI. Current pregnancy among women with spinal cord injury. Poster presented at the 2014 Annual Meeting of the *International Spinal Cord Society*, MECC, Maastricht, **The Netherlands**, September 2-4, 2014.
245. Kopp MA, Brommer B, Pruss H, Failli V, Liebscher T, DeVivo MJ, Chen Y, Meisel, Dirnagl U, Schwab JM. Spinal cord injury-induced immune deficiency syndrome (SCI-IDS) reduces host defense and facilitates infections – deciphering underlying mechanisms of a prevalent risk factor for poor neurological recovery (disease modifying factor). Presented at the *International Spinal Research Trust Network Meeting*, London, **England**, September 5-6, 2014.
246. Kopp MA, Brommer B, Pruss H, Failli V, Liebscher T, DeVivo MJ, Chen Y, Meisel, Dirnagl U, Schwab JM. Spinal cord injury-induced immune deficiency syndrome (SCI-IDS) reduces host defense and facilitates infections – deciphering underlying mechanisms of a prevalent risk factor for poor neurological recovery (disease modifying factor). Presented at the Joint Symposium of the 4<sup>th</sup> *International Neural Regeneration Symposium (INRS2014)*, the 6<sup>th</sup> *International Spinal Cord Injury Treatments and Trials Symposium (ISITT)*, and the 9<sup>th</sup> *ASIA Pacific Symposium on Neural Regeneration (APSNR)*, Nanjing, **China**, September 6-8, 2014.
247. Chen Y. Spinal cord injury epidemiology: global perspective, implications for best practice. Presented at the 91<sup>st</sup> Annual Conference of the *American Congress of Rehabilitation Medicine*, Toronto, **Canada**, October 7-11, 2014.
248. Chen Y. Geographic variation and environmental risk factors for kidney stones after spinal cord injury. Presented at the 91<sup>st</sup> Annual Conference of the *American Congress of Rehabilitation Medicine*, Toronto, **Canada**, October 7-11, 2014.

249. DeVivo MJ. Outcomes and secondary complications among persons with spinal cord injury. Presented at the *Barrow Spinal Cord Injury Symposium*, Phoenix, **Arizona**, February 27, 2015. (Invited Presentation)
250. DeVivo MJ, Chen Y. Mortality risk factor trends during the past five decades among persons with spinal cord injury. Poster presented at the 4<sup>th</sup> *International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting*, Montreal, **Canada**, May 14-16, 2015.
251. DeVivo MJ, Chen Y. Preliminary analyses of mortality risk factors recently added to the National Spinal Cord Injury Statistical Center database. Poster presented at the 4<sup>th</sup> *International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting*, Montreal, **Canada**, May 14-16, 2015.
252. Chen Y, DeVivo MJ. Cost of managing SCI and burden on individual vs society in USA. Presented at the 4<sup>th</sup> *International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting*, Montreal, **Canada**, May 14-16, 2015.
253. Schwab JM, Brommer B, Engel O, Kopp M, Watzlawick R, Muller S, Pruss H, Chen Y, DeVivo MJ, Dirnagl U, Liebscher T, Meisel A. Spinal cord injury propagates the susceptibility for bacterial infection in a lesion height dependent manner – evidence for an ‘immune paralysis’. Presented at the 4<sup>th</sup> *International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting*, Montreal, **Canada**, May 14-16, 2015.
254. Chen Y, Botticello AL, Cao Y. Environment matters: contribution of geographic data to understanding spinal cord injury incidence and rehabilitation outcomes. Poster presented at the 4<sup>th</sup> *International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting*, Montreal, **Canada**, May 14-16, 2015.
255. Chen Y, Tang Y, Allen V, DeVivo MJ. Fall-induced spinal cord injury: external causes and implications for prevention. Poster presented at the 92<sup>nd</sup> Annual Conference of the *American Congress of Rehabilitation Medicine*, Dallas, **Texas**, October 25-30, 2015.
256. Chen Y. Costs of care for persons with spinal cord injury. Presented for the symposium titled “economic impact of spinal cord injury” at the 92<sup>nd</sup> Annual Conference of the *American Congress of Rehabilitation Medicine*, Dallas, **Texas**, October 25-30, 2015.
257. Glenn MB, Goldstein R, DeVivo MJ, Gerber D, Hammond FM, Hanks RA, Kolakowsky-Hayner S, Richards JS, Tate D. Outcomes of individuals with both spinal cord injury and traumatic brain injury: a pilot study using the NIDILRR SCI and TBI model systems national databases. Poster presented at the *International Brain Injury Association’s 11<sup>th</sup> World Congress on Brain Injury*, The Hague, **The Netherlands**, March 2-5, 2016.
258. Savic G, DeVivo MJ, Frankel HL, Jamous MA, Soni B, Charlifue S. Mortality risk factors after traumatic spinal cord injury in the United States of America and the United Kingdom. Poster presented at the 42<sup>nd</sup> annual meeting of the *American Spinal Injury Association*, Philadelphia, **Pennsylvania**, April 13-16, 2016.

259. DeVivo MJ, Chen Y. A model for estimating life expectancy following spinal cord injury. Poster presented at the 42<sup>nd</sup> annual meeting of the *American Spinal Injury Association*, Philadelphia, **Pennsylvania**, April 13-16, 2016.
260. Chen Y, He Y, DeVivo MJ. Changing demographics of new traumatic SCI over the last four decades. Presented at the 42<sup>nd</sup> annual meeting of the *American Spinal Injury Association*, Philadelphia, **Pennsylvania**, April 13-16, 2016.
261. DeVivo MJ, Chen Y. A model for estimating life expectancy following spinal cord injury. Poster presented at the 55<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, Vienna, **Austria**, September 14-16, 2016.
262. DeVivo MJ. Epidemiology, etiology, and disease burden of spinal cord injury: trends and future implications. Presented at the *Congressional Directed Medical Research Programs (CDMRP) Spinal Cord Injury Research Program 2016 In-progress Review* meeting, Fort Detrick, **Maryland**, October 25-26, 2016.

## Sample of Presentations Using NSCISC Database without NSCISC Authorship

1. Wright J, Bushnik T. Changes in perceived barriers the first five years after spinal cord injury. Presented at the 33rd annual meeting of the *American Spinal Injury Association*, Tampa, **Florida**, May 30 – June 2, 2007.
2. Wright J, Bushnik T. Occupational status and CHART occupation over 30 years after spinal cord injury. Presented at the 33rd annual meeting of the *American Spinal Injury Association*, Tampa, **Florida**, May 30 – June 2, 2007.
3. Wright J, Bushnik T. Measuring time spent in recreation after spinal cord injury. Presented at the 33rd annual meeting of the *American Spinal Injury Association*, Tampa, **Florida**, May 30 – June 2, 2007.
4. Graves DE, Bombardier CH. Relative efficiency of the PHQ 9 in male and female samples: an IRT analysis. Presented at the 33rd annual meeting of the *American Spinal Injury Association*, Tampa, **Florida**, May 30 – June 2, 2007.
5. Jette AM, Goodman N, Houlihan BL, Williams S. Computer and internet use by individuals post spinal cord injury. Presented at the 46th annual meeting of the *International Spinal Cord Society*, Reykjavik, **Iceland**, June 28 – 30, 2007.
6. Kalpakjian CZ, Toussaint L, Albright K. Overview an examination of gender and factor structure of the PHQ-9 in adults with spinal cord injury. Presented at the 21st Annual Conference of the *American Association of Spinal Cord Injury Psychologists and Social Workers*, Orlando, **Florida**, August 27-29, 2007.
7. Wright J, Bushnik T. Occupation classification (professional, skilled, and manual) and employment after spinal cord injury. Presented at the 84th Annual Meeting of the *American Congress of Rehabilitation Medicine* and the 14th Annual Meeting of the *American Society of Neurorehabilitation Medicine*, Washington, **DC**, October 3-7, 2007.
8. Graves DE, Bombardier CH. Relative efficiency of the Patient Health Questionnaire-9 by demographic categories samples: an item response theory analysis. Presented at the 84<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine* and the 14th Annual Meeting of the *American Society of Neurorehabilitation Medicine*, Washington, **DC**, October 3-7, 2007.
9. Hoffman J, Bombardier C, Graves D, Kalpakjian C, Krause J. The natural history of majordepression after spinal cord injury. Presented at the 34th Annual Scientific Session of the *American Spinal Injury Association*, San Diego, **California**, June 19-22, 2008.
10. Kalpakjian C, Bombardier C, Tate D, Krause J. Examination of clinical utility of indices of PHQ-9 items for two scoring schemes in men and women with spinal cord injury. Presented at the 34th Annual Scientific Session of the *American Spinal Injury Association*, San Diego, **California**, June 19-22, 2008.



11. Tate D, Forchheimer M, Kalpakjian C. Differences in depression, pain, substance abuse and life satisfaction in a national sample of persons with spinal cord injury. Presented at the 34<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, San Diego, **California**, June 19-22, 2008.
12. Arango-Lasprilla JC, Ketchum JM, Francis K, Premuda P, Stejskal T, Kreutzer J. Influence of race/ethnicity on divorce/separation post SCI. Poster presented at the joint 35th Annual Scientific Session of the *American Spinal Injury Association* and the First Annual Meeting of the *Congress of Spinal Cord Medicine and Rehabilitation*, Dallas, **Texas**, September 24-27, 2009.
13. Zanca JM, Ragnarsson KT, Dijkers PJM. Impact of patient characteristics on follow-up of model SCI system participants. Poster presented at the joint 35th Annual Scientific Session of the *American Spinal Injury Association* and the First Annual Meeting of the *Congress of Spinal Cord Medicine and Rehabilitation*, Dallas, **Texas**, September 24-27, 2009.
14. Kirshblum S, Botticello A, Lammertse D, Marino R, Chiodo A, Jha A. The impact of sensory sacral sparing in motor complete SCI. Presented at the 36th Annual Scientific Session of the *American Spinal Injury Association*, Nashville, **Tennessee**, May 26-28, 2010
15. Zanca JM. Barriers to community re-entry for individuals with SCI: factors impacting discharge to institutional settings. Presented at the 36th Annual Scientific Session of the *American Spinal Injury Association*, Nashville, **Tennessee**, May 26-28, 2010.
16. White K, Deutsch A, Chen D. Effect of obesity on discharge functional status and discharge destination in acute inpatient SCI rehabilitation. Presented at the 36th Annual Scientific Session of the *American Spinal Injury Association*, Nashville, **Tennessee**, May 26-28, 2010.
17. Marino RJ. Neurological recovery after cervical SCI. Presented at the 36th Annual Scientific Session of the *American Spinal Injury Association*, Nashville, **Tennessee**, May 26-28, 2010.
18. Forchheimer M, Tate D. Is bladder management related to depression and employment after SCI. Poster presented at the 36th Annual Scientific Session of the *American Spinal Injury Association*, Nashville, **Tennessee**, May 26-28, 2010.
19. Kolakowsky-Hayner SA, Wright J, Shem K, Bushnik T. Occupation classification, education and employment after spinal cord injury. Poster presented at the Annual Meeting of the *American Association of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 22-24, 2010.
20. Fyffe DC, Botticello A, Dyson-Hudson T, Tulsy DS, Kirshblum S. Racial/ethnic differences in functional outcomes after spinal cord injury: a longitudinal analysis. Poster presented at the Annual Meeting of the *American Association of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 22-24, 2010.

21. Marino R, Burns S, Leiby B, Graves D, Kirshblum S, Lammertse D. Neurological recovery after traumatic cervical SCI. Presented at the *International Spinal Cord Society* 49th Annual Scientific meeting, October 29-31, 2010, New Delhi, **India**.
22. Stenson KW, Deutsch A, Chen D. A comparison of Medicare patients in the SCI model system database and the national Medicare database. Presented at the 50<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, **Washington, DC**, June 5-8, 2011.
23. Oleson CV, Marino RJ. Spinal cord injury classification: comparison of human and computer algorithm for ASIA impairment scale grades. Presented at the 50<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, **Washington, DC**, June 5-8, 2011.
24. Forchheimer M, Chiodo A, Tate D. Explaining the dynamics of pain interference in spinal cord injury. Poster presented at the 50<sup>th</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, **Washington, DC**, June 5-8, 2011.
25. Wright J, Carufel P. High-tech communication and quality of life 10-years post-spinal cord injury. Poster presented at the Annual meeting of the *Academy of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 5-7, 2011.
26. Bellon K, Kolakowsky-Hayner S, Wright J. Life satisfaction and ambulation for people with spinal cord injury. Poster presented at the Annual meeting of the *Academy of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 5-7, 2011.
27. Carufel P, Wright J. Satisfaction with life: a longitudinal analysis. Poster presented at the Annual meeting of the *Academy of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 5-7, 2011.
28. Castillo C, Jennings C, Arango-Lasprilla JC, Ketchum J, Cifu D. Predictors of extended rehabilitation length of stay in SCI. Poster presented at the Annual meeting of the *Academy of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 5-7, 2011.
29. Botticello A, Fyffe D, Dyson-Hudson T, Kirshblum S. An investigation of area-level influences on racial disparities in functioning after spinal cord injury. Poster presented at the 88<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine* and 18<sup>th</sup> Annual Meeting of the *American Society of Neurorehabilitation*, Atlanta, Georgia, October 11-15, 2011.
30. Wright J, Kolakowsky-Hayner S. The relationship of life satisfaction to neurological category and time post spinal cord injury. Poster presented at the 88<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine* and 18<sup>th</sup> Annual Meeting of the *American Society of Neurorehabilitation*, Atlanta, Georgia, October 11-15, 2011.
31. Myaskovsky L, Burkitt K, Lichy A, Ljungberg I, Fyffe D, Ozawa H, Switzer G, Fine M, Boninger M. Association of race, cultural factors, and quality of life in persons with spinal cord injury. Poster presented at the 88<sup>th</sup> Annual Meeting of the *American Congress of Rehabilitation Medicine* and 18<sup>th</sup> Annual Meeting of the *American Society of Neurorehabilitation*, Atlanta, Georgia, October 11-15, 2011.

32. Krause JS, Saunders LL. Socioeconomic factors and mortality after spinal cord injury. Presented at the 38<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Denver, **Colorado**, April 19-21, 2012.
33. Jimenez IH, Tan W-H, Radkevich K, Burns S. Colorectal cancer deaths in persons with spinal cord injury. Poster presented at the 38<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Denver, **Colorado**, April 19-21, 2012.
34. Harrop JS. Building and maintaining a multispecialist SCI center. Presented at the *Rick Hanson Interdependence 2012 Conference*, Vancouver, **Canada**, May 15-18, 2012.
35. Tate D, McLaughlin SJ, Forchheimer M. Secondary conditions and life satisfaction in adults aging with traumatic spinal cord injury in the USA. Presented at the 51<sup>st</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, London, **England**, September 3-5, 2012.
36. Saunders L, Krause J. Gainful employment and risk of mortality after spinal cord injury: effects beyond that of demographic, injury, and socioeconomic factors. Poster presented at the 51<sup>st</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, London, **England**, September 3-5, 2012.
37. Marino RJ. Neurological recovery after traumatic paraplegia. Poster presented at the 51<sup>st</sup> Annual Scientific Meeting of the *International Spinal Cord Society*, London, **England**, September 3-5, 2012.
38. Cao Y. Secondary conditions and mortality after TSCI – longitudinal analyses. Presented at the *State of the Science of Prevention and Management of Secondary Health Conditions in People after Spinal Cord Injury Preconference to the 39<sup>th</sup> Annual Scientific Session of the American Spinal Injury Association*, Chicago, **Illinois**, May 5, 2013.
39. Tansey K, Van Hiel L, Alexander S. Methods to use the ISNCSCI exam to score “central cord-ness” and “brown-sequard-ness” in SCI. Poster presented at the 39<sup>th</sup> Annual Scientific Session of the *American Spinal Injury Association*, Chicago, **Illinois**, May 6-8, 2013.
40. Young CM, Charlifue S. Predictors of pressure ulcers and societal participation after spinal cord injury. Poster presented at the 2013 Annual Meeting of the *Association of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 1-4, 2013.
41. Vogel LC. Primary prevention of spinal cord injury. Presented at the 2013 Annual Meeting of the *Association of Spinal Cord Injury Professionals*, Las Vegas, **Nevada**, September 1-4, 2013.
42. Schwab J et al. Immune responses to traumatic spinal cord injury: data from preclinical and clinical studies. Presented at the 4<sup>th</sup> *International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting*, Montreal, **Canada**, May 14-16, 2015.

43. Mercier HW, Ni P, Jette A. Rehospitalization is associated with persistent negative effects among adults with spinal cord injury. Presented at the 92<sup>nd</sup> Annual Conference of the *American Congress of Rehabilitation Medicine*, Dallas, **Texas**, October 25-30, 2015.
44. Fyffe D, Bottiello AL, Deutsch A, Kirshblum S, Ottenbacher K. Explaining functioning disparities associated with social participation and functioning in SCI. Poster presented at the 92<sup>nd</sup> Annual Conference of the *American Congress of Rehabilitation Medicine*, Dallas, **Texas**, October 25-30, 2015.
45. Kirshblum SC, Botticello AL, Byrne R, Dyson Hudson TA, Marino RJ, Lammertse DP. Patterns of sacral sparing components and neurological recovery in newly injured persons with traumatic spinal cord injury. Presented at the 42<sup>nd</sup> annual scientific meeting of the *American Spinal Injury Association*, Philadelphia, **Pennsylvania**, April 13-16, 2016.
46. Botticello AL. Enhancing rehabilitation outcomes research with geographic data: examples from the spinal cord injury mode systems. Presented at the 42<sup>nd</sup> annual scientific meeting of the *American Spinal Injury Association*, Philadelphia, **Pennsylvania**, April 13-16, 2016.