

Curriculum Vitae

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Lawrence C. Vogel, MD

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EDUCATION:

1969	Northwestern University, B.A. with Distinction
1973	University of Illinois, M.D.
1973-1976	Intern and Resident, Pediatrics, Yale New Haven Hospital
1976-1978	Fellow, Pediatric Infectious Diseases, Michael Reese Hospital and Medical Center and University of Chicago, Chicago

HOSPITAL APPOINTMENTS:

1978-1979	Associate Attending Physician, Department of Pediatrics, Michael Reese Hospital and Medical Center
1979	Assistant Program Director of Pediatrics, Mercy Hospital and Medical Center
1980	Program Director of Pediatrics, Mercy Hospital and Medical Center
1979-1980	Consulting Pediatrician, Shriners Hospitals for Children
1981-Current	Chief of Pediatrics, Shriners Hospitals for Children
2005-Current	Assistant Chief of Staff, Shriners Hospitals for Children
1988-1998	Consulting Pediatrician, Marianjoy Rehabilitation Center
1992-2000	Consulting Pediatrician, Loyola University Hospital
1996-2000	Consulting Pediatrician, Children's Memorial Hospital

ACADEMIC APPOINTMENTS:

1978-1979	Assistant Professor of Pediatrics, Pritzker School of Medicine, University of Chicago
1979-1986	Assistant Professor of Pediatrics, ALSM, University of Illinois
1987-1998	Assistant Professor of Pediatrics, Rush Medical College
1999-2006	Associate Professor of Pediatrics, Rush Medical College
2006-current	Professor of Pediatrics, Rush Medical College
2015-current	Adjunct Professor of Biomedical Engineering, Marquette University

LICENSURE: Illinois, 1976

CERTIFICATION: American Board of Pediatrics, 1978, 1990, 2010
National Board of Medical Examiners, 1974
Spinal Cord Injury Medicine Subspecialty, 1998, 2008
Life Care Planning Pre-Certification, University of Florida, 2012
Certified Life Care Planner, ICHCC, 2012

HONORS: Alpha Omega Alpha, 1971
James J. Peters Distinguished Service Award and Lectureship, 2013
American Spinal Injury Association Life Time Achievement Award, 2016
American Congress of Rehabilitation Medicine, Pediatric Rehabilitation Award
Lecture 2016

SOCIETIES: American Academy of Cerebral Palsy and Developmental Medicine
American Academy of Pediatrics
American Paraplegia Society/ASCIP
American Spinal Injury Association
Illinois Chapter American Academy of Pediatrics
Institute of Medicine of Chicago
International Spinal Cord Society
International Association of Rehabilitation Professionals

EDUCATIONAL:

Instructional Courses on Pediatric Spinal Cord Injuries

1. American Academy of Cerebral Palsy and Developmental Medicine Annual Meeting, Instructional courses on Pediatric Spinal Cord Injury have been Presentation annually from 1993-2006, 2008, 2013 (September 2001 cancelled). (Course Director 1999-2006, 2013,2015)
2. American Paraplegia Society Annual Meeting 1996, course director and Presentation of Unique Management needs of Pediatric SCI Patients
3. American Paraplegia Society Annual Meeting 2000, course director and Presentation of Pediatric Spinal Cord Injury Symposium
4. American Spinal Injury Association Annual Meeting, instructional courses Presentation 1994, 1995, 1996, 1998, 1999, 2003, 2011, 2012
5. American Association of Spinal Cord Injury Psychologists and Social Workers. Symposium 2002
6. Shriners Hospitals for Children SCI Symposia:
 - a. The Child with a Spinal Cord Injury Symposium, Phoenix, 1994
 - b. Philadelphia, 1995
 - c. Sacramento, 1997
 - d. Course Chairman: The Howard H. Steel Conference on Pediatric Spinal Cord Injury: Contemporary Principles and New Directions. December 3-5, 1999. Rancho Mirage, CA
 - e. Course Chairman: The Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord in children. December 7-9, 2003, Orlando, FL
 - f. Course Chairman: The Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord in children. November 29 - December 2, 2006. Orlando, FL
 - g. Course Chairman: The Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord in Children. December 2 - December 5, 2009. Orlando, FL

- h. Course Chairman: The Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord in Children. November 28 - December 1, 2012. Orlando, FL
- 7. American Congress of Rehabilitation Medicine annual meeting, October 1, 2005
- 8. International Spinal Cord Society
 - a. Workshop on Management of SCI in Children, Chair and Presentation. Annual meeting October 21, 2009, Florence Italy.
 - b. Vogel, L., Zebracki, K., Mulcahey, M., Betz, R., & Graham, A. (September 3-5, 2012). Review of current recommended treatment and management practices of children and adolescents with a spinal cord injury. Symposium at the 51st Annual Scientific Meeting of the International Spinal Cord Society, London, UK.
 - c. Vogel, L., Zebracki, K., Mulcahey, M., Betz, R., (September 2-4, 2012). Comprehensive interprofessional approach to management of pediatric spinal cord injury, Workshop at the 53rd Annual Scientific Meeting of the International Spinal Cord Society, Maastricht, Netherlands.
- 9. Gait and Clinical Movement Analysis Society. Locomotor training therapy for children with cerebral palsy and spinal cord injury. May 2012. Grand Rapids, Michigan.

Other Instructional Courses/Workshops

- 1. Scoliosis Research Society, 2002
- 2. Creating synergy between providers: how to create a medical home for children and youth with cerebral palsy. 2008 Annual Meeting of AACPD, Atlanta, GA.
- 3. American Spinal Injury Association Annual Meeting; Pre-course State of Science Conference. 2013, Chicago, IL.
- 4. The National Institute for Neurological Disorders and Stroke (NINDS) Common data elements (CDEs) for spinal cord injury; Development and future use. American Spinal Injury Association/ International Spinal Cord Injury Society. Montreal, Canada. May 2015.

Spinal Cord Medicine

- 1. An Intensive Review (Board Review Course): 1998-2004, 2009-2011, 2013, 2014-2016

Board Examination Question Writer

- 1. Spinal Cord Injury Subspecialty Exam, Physical Medicine and Rehabilitation, 1996

Doctoral Dissertation (PhD) Opponent (Examiner)

- 1. Karolinska Institutet, Stockholm, Sweden, March 30, 2007

Midwest Clinical Conference

- 1. Moderator of Pediatric Program, 1994

Lectures/ Grand Rounds

- 1. Annual lecture to Rush occupational therapy students, 1990-1998
- 2. Midwest Clinical Conference, 1991
- 3. Pediatric Grand Rounds at Rush, 1992
- 4. The Shriners Hospitals-Chicago Experience with Latex Allergy. Sofield Lectures, Presentation, Chicago, 1993
- 5. Ambulation in the Pediatric Spinal Cord Injury Population. Sofield Lectures, Presentation, Chicago, 1993
- 6. National Spinal Cord Injury Association, Annual meeting, Chicago 1993
- 7. Krehbiel Memorial Lectures, 1994
- 8. Orthopaedic Nurses Association, Chicago Chapter 1995
- 9. Pediatric Grand Rounds at Ravenswood Hospital 1995

10. Pediatric Grand Rounds at Columbus Hospital 1996
11. Specialty Review in Orthopaedic Surgery, The National Center for Advanced Medical Education, 1997
12. Pediatric Grand Rounds at Rush, 1997
13. Annual CHOICES meeting, Chicago 1998
14. National Spinal Cord Injury Association, Annual Meeting, Oak Brook 1998
15. Plenary presentation. Annual meeting American Academy of Pediatrics, 1999
16. Schwab Rehab Hospital, Lecture September 2000-2003, 2005, 2008-2009
17. Pediatric Grand Rounds at Loyola University, October 2000
18. Pediatric Grand Rounds at Rush, December, 2000
19. Visiting Professor Lecture at Chicago Physical Medicine and Rehabilitation Residents' Program January, 2001
20. NACHRI 2002 Innovation Workshop Series. Improving care for children with special health care needs. Transitioning from pediatric to adult care. April 25-26, 2002. Arlington, Virginia
21. Illinois Association of Respiratory Therapist, Annual Meeting 2002, Plenary session talk
22. Sofield Lectures, Chicago, 2002, 2005-2007
23. Physical Disabilities through the Lifespan Conference, National Institute of Health, July 21-22, 2003, Bethesda, Maryland
24. Outcomes of adults with pediatric-onset SCI. Evidence-Based Practice and Outcomes Research in Pediatric Rehabilitation, Orlando, Florida Dec 6, 2003
25. Invited Guest Faculty: The Sixth Annual UNM Carrie Tingley Hospital Rehabilitation Conference 2005; Selected Topics in the management of spinal cord injury/dysfunction in children. June 10-11, 2005
26. Visiting Professor at Queens University (Kingston, Ontario) Interurban Spinal Cord Injury Conference (Sep 15-16, 2005)
27. Invited speaker at the American Academy of Pediatrics Super CME Program. "The low down on high tech gadgets for children with special health care needs". Washington DC, April 26-29, 2006
28. Invited speaker at 2007 annual American Spinal Injury Association meeting on "Nontraumatic SCI in children" Tampa
29. Shriners Hospitals for Children Surgeons Meeting. Presentation. Santa Monica, CA 2007
30. Rush Physical Medicine & Rehabilitation residents. May 2008, Chicago
31. Grand Rounds at Philadelphia Shriners Hospital October 2008
32. Practical Partnerships at the annual meeting of the American Academy of Pediatrics 2008 (Christopher J Stille and Lawrence C Vogel)
33. Loyola Physical Medicine & Rehabilitation residents. April 2009, Chicago
34. Rush Physical Medicine & Rehabilitation residents. April 2009, Chicago
35. Osteogenesis Imperfecta Workshop Proceedings, April 2009
36. A look back at the Howard H. Steel Symposia: Where have we come and what have we learned about pediatric SCI? Keynote speech at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009
37. Visiting Professor at Carolinas Hospital, Dept. PMR, April 2010
38. Rush Physical Medicine & Rehabilitation residents. October 2010, Chicago
39. Keynote speaker at Spine Care Foundation Pediatric SCI seminar March 10-11, 2011. Sydney, Australia
40. Rush Physical Medicine & Rehabilitation residents. October 2011, Chicago
41. Anatomy and medical complications of spinal cord injuries (November 3, 2011). Lecture for doctoral students, Neuropsychology, Loyola University Chicago, IL
42. Keynote speaker at the 5th Coloplast symposium for current topics on spinal cord injuries, November 26, 2011, Copenhagen, Denmark.

43. Loyola Physical Medicine & Rehabilitation residents. May 1, 2012, Chicago.
44. Insurance Rehabilitation Study Group 47th Annual Conference. Nashville, TN. Clinical Practice Guidelines: sexuality and Reproductive Health in Adults with Spinal Cord Injuries. Keynote Speaker. May 21, 2012.
45. Workshop Speaker. Revisions on Clinical Practice Guidelines; Pressure ulcer prevention and treatment following SCI and prevention of thromboembolism in SCI. PVA Summit 2012. September 2012, Las Vegas Nevada
46. Keynote speaker at The Alyn Rehabilitation Hospital Symposium. September 14, 2012. Jerusalem, Israel.
47. Loyola University Medicine College, Pediatric Grand Rounds: Pediatric SCI. October 30, 2012.
48. Distracted Driving Summits: Chicago 2011, San Antonio and Tampa 2012
49. Rush University/Stroger Hospital Pediatric Grand Rounds: Pediatric SCI. January 8, 2013.
50. Lutheran General Hospital Pediatric Grand Rounds: Pediatric SCI. February, 19, 2013.
51. Keynote Speaker at 24th National Physical Medicine and Rehabilitation Congress March 2013, Antalya, Turkey.
52. Medical College of Wisconsin, visiting professor Dept PMR August 2, 2013.
53. Workshop Speaker. Revisions on Clinical Practice Guidelines; Pressure ulcer prevention and treatment following SCI. PVA Summit 2013. August 2013, Orlando Florida.
54. James J Peters Lecture. Academy Spinal Cord Injury Professionals 2013, Las Vegas, NV.
55. Primary prevention of spinal cord injury. Academy Spinal Cord Injury Professionals 2013, Las Vegas, NV (Klaas S, Poduri KR, Vogel, LC).
56. Keynote speaker 2013 Back Care Forum; Carle Clinic; September 19, 2013; Champaign, IL.
57. Workshop speaker. 2013 RERC precourse at American Academy Cerebral Palsy Developmental Medicine Annual Meeting; Milwaukee, WI
58. Speaker at the IARP Forensic 2013 Conference. Charleston, SC.
59. Speaker at the 4th Annual ABC Conference; Making systems work across the lifespan for children with special needs. "Pediatric spinal cord injuries: transitioning through the lifespan." Palos Hills, IL November 22, 2013.
60. Keynote speaker at the 2nd International symposium on autonomic dysfunctions following spinal cord injury. "Autonomic dysfunctions in children" Vancouver BC Canada November 27, 2013.
61. Grand rounds LaRabida Hospital. January 2014
62. Federation of Spine Associations Specialty Day. Focus on Pediatric and Adolescent SCI. American Academy of Orthopaedic Surgeons. New Orleans, LA March 2014.
63. Schwab Rehab Hospital Physical Medicine and Rehabilitation Resident Lecture – March 27, 2014.
64. Rush University Physical Medicine and Rehabilitation Resident Lecture – April 11, 2014
65. RESNA symposium presenter – June 14, 2014.
66. Workshop Speaker. Revisions on Clinical Practice Guidelines; Pressure ulcer prevention and treatment following SCI. PVA Summit 2013. August 2014, Las Vegas, Nevada.
67. Pediatric Symposium Northwest Community Healthcare: Aging of youth with special needs: transition to adulthood and beyond. October 29, 2014.
68. World Congress for NeuroRehabilitation. Spinal Cord Injuries in Youth: Management Through the Life Span. Philadelphia, PA May 11, 2016.

American Academy of Pediatrics

1. Medical Home Initiatives for Children with Special Needs
 - a. Every child deserves a Medical Home: Facilitator

- b. Training Manual: Co-author of Component 4
- c. Member of Screening Component Committee 2001-2002.

Journal Reviewer.

- 1. *Archives of Physical Medicine and Rehabilitation*
- 2. *Spinal Cord*
- 3. *Quality of Life Research*
- 4. *Journal of Spinal Cord Medicine*
- 5. *Journal of Neurorehabilitation and Neural Repair*
- 6. *Journal of Urology*

Editorial Board

- 1. *Journal of Spinal Cord Medicine* 2001-2011 (Associate Editor 2007-2011)
- 2. *Topics in Spinal Cord Injury Rehabilitation* (Editor-in Chief 2016-;Associate Editor 2011-2015)

Editor

- 1. Issue Editor of *Topics in Spinal Cord Injury Rehabilitation: Pediatric SCI* Fall, 1997
- 2. Issue Editor of “The Howard H. Steel Conference on Pediatric Spinal Cord Injury” Supplement of *Topics in Spinal Cord Injury Rehabilitation* Summer 2000
- 3. Issue Editor of “The Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord Injury in Children.” Supplement of *Journal of Spinal Cord Medicine*, 2004
- 4. Issue Editor of “The Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord Injury in Children.” Supplement of *Journal of Spinal Cord Medicine*, 2007
- 5. Issue Editor of *Topics in Spinal Cord Injury Rehabilitation: Spinal Cord Injury Prevention* Winter, 2013.
- 6. Chhabra HS (Ed.), ISCoS Textbook on Comprehensive Management of Spinal Cord Injuries. Wolters Kluwer, Alphen aan den Rijn, the Netherlands.

Grant Reviewer

- 1. Paralyzed Veterans of America
- 2. Department of Defense (2010, 2011, 2012, 2015)
- 3. The Craig H. Neilsen Foundation (2012)

Federal Programs

- 1. Planning Committee Member of 2010 Express for Children with Special Healthcare Needs and Their Families, 2001
- 2. Physical Disabilities through the Lifespan Conference, National Institute of Health, 2003
- 3. Stakeholders Meeting for Department of Defense Congressionally Directed Medical Research Programs SCI Research Program, 2009
- 4. NICHD meeting on obesity in children and adolescents with physical or intellectual disabilities, 2010
- 5. NINDS Common Data Elements committee for pediatric spinal cord injury. Co-Chair. 2015.
- 6. The National Academies of Science, Engineering and Medicine, Board of the Health of Select Populations; Committee on the Use of Selected Assistive Products and Technologies in Eliminating or Reducing the Effects of Impairments. 2016.

ADMINISTRATION

- A. Shriners Hospitals for Children, Chicago**
1. Medical Director of the Pediatric Intensive Care Unit, 1980-1998
 2. Medical Director of the Spinal Cord Injury Program, 1983-current
 3. Secretary of the Medical Executive Committee, 1987-current
 4. Chairman, Pharmacy and Therapeutics Committee, 1987-current
 5. Chairman Infection Control Committee, 1978-current
 6. Board of Governors of the Chicago Unit
 - i. Executive Committee, Medical Staff representative
 - ii. Quality Management Committee, Medical Staff representative
 7. Joint Conference (Board of Governors Chairman, Chief of Staff, Hospital Administrator, Nurse Executive) Medical Staff representative 1997- 2000
 8. Member of Quality Council, 1987-current
 9. Chairman of Institutional Review Board, 1980-2008
- B. Activities at National Level of Shriners Hospitals for Children**
1. Member of the Steering Committee for CHOICES (Children's Health Care Options Improved through Collaborative Efforts and Services) and CHOICES Transition Project, 1994-current
 - i. This was a joint effort between state Title V agencies (CSHCN) and Shriners Hospitals funded jointly by the MCHB and the Shriners Hospitals.
 2. Member of Shriners Hospitals Task Force for a collaborative project with the AAP and their Medical Home Project, 1997-1999
 3. Shriners Hospitals for Children's Exhibit at Annual AAP meetings, 1988-current
 4. Member of Shriners Hospitals' work groups and Business Information Group for Shriners Hospitals for Children Information Systems (SHCIS), 1999
 5. Shriners Hospitals for Children Information System - Clinical Advisory Group, 1999
 6. Member of Focus task force for SHC Dashboard Development (Benchmarking), 2001
 7. Chairman, Spinal Cord Injury Clinical Advisory Group 2002-current
 8. Member of System Efficiency Committee, 2003
 9. Medical Affairs Leadership Council, 2007-current
 10. Member of the Physician Practice Subcommittee, 2010
 - i. Inpatient Rehabilitation Task Force, 2010
 - ii. Physician Outpatient Documentation Work Group, 2010
- C. Illinois Chapter of National Spinal Cord Injury Association**
1. Board of Directors, 1992-1998
 2. Secretary of Board of Directors, 1995.
- D. Chicago Pediatric Society**
1. Executive Committee, 1991-2000
 2. President, 1997-1998
- E. Chicago Medical Society**
1. Councilor (representing Chicago Pediatric Society) 1996-1998
 2. CME committee, 1996-1998
- F. Illinois Chapter American Academy of Pediatrics**
1. Committee on Children with Disabilities
 - a. Member, 1990-current
 - b. Co-chairman, 1997- 2002

2. Illinois Chapter AAP, Executive Committee, 1998-2002
- G. American Paraplegia Society**
1. Board of Directors, 1998-2011
 2. Treasurer/secretary, 2003-2005
 3. President elect, 2005-2007
 4. President, 2007-2009
 5. Past President 2009-2011
- H. American Spinal Injury Association**
1. Membership Committee 2000- 2011
 2. Board of Directors 2003-2015
 3. Secretary/Treasurer 2009-2010
 4. President-elect 2010-2011
 5. President 2011-2013
 6. Past President 2013-2015
 7. Nominating Committee 2013-2015
 8. Pediatric Committee 2009-current
- I. Consortium for Spinal Cord Medicine**
1. Steering Committee Member: 2004-2014
 2. Vice Chairman Steering Committee: 2005-2006
 3. Chairman Steering Committee: 2007- 2014
 4. Clinical Practice Guidelines Development Panel
 - i. Acute Management of Autonomic Dysreflexia- second edition. Clinical Practice Guidelines Development Panel, 1999-2001
- J. International Spinal Cord Injury Data Set (International Spinal Cord and American Spinal Injury Association)**
1. Executive steering committee, 2002-ongoing
- K. International Spinal Cord Society**
1. Council Member, 2009-2014
- L. Illinois Emergency Medical Services for Children**
1. Advisory Board, 1999-2002
- M. Rush Medical College**
1. Member of IRB, 2008- current
- N. Illinois Spina Bifida Association**
1. Member of Professional Advisory Committee, 2011- current

RESEARCH

Grant funding

1. 1997-1998. FDA trial of an implantable functional neuromuscular stimulation system for the upper extremity that was being conducted by the three Shriners SCI programs. (Co-Investigator)
2. 1998-2000. Long-term Outcomes and Life Satisfaction of Children and Adolescents with

3. Spinal Cord Injuries, Shriners Hospitals for Children. (Primary Investigator; PI). 2001-2003. Long Term Outcomes and Life Satisfaction of Adults with Adolescent Onset SCI, Shriners Hospitals for Children (PI).
4. 2001-2003. Long Term Outcomes and Life Satisfaction for Adults with Childhood Onset SCI, Shriners Hospitals for Children (PI).
5. 2004-2006. Long Term Outcomes and Life Satisfaction for Adults with Pediatric-Onset SCI, Shriners Hospitals for Children (PI).
6. 1998-2009. Providing young adolescents with disabilities, work experience and guidance toward adulthood. Transition program grant from Shriners Hospitals for Children. (Co-PI).
7. 2001-2002. Progressive spinal deformity in pediatric SCI: natural history, functional impact, and effect on self-appraised quality of life. Planning project-Clinical outcomes study, Shriners Hospitals for Children. (Co-PI).
8. 2004-2008. Treatment of progressive spinal deformity in pediatric SCI: Natural history, functional impact, and effect on self-appraised quality of life. Clinical outcomes study, Shriners Hospitals for Children. (Co-PI).
9. 2005-2008. Activity and participation of children with cerebral palsy: development of a longitudinal multi-site clinical outcomes study. Shriners Hospitals for Children. (Co-PI).
10. 2006-2008. Multi-center project: the International Standards for Neurological Classification of Spinal Cord Injury: Reliability testing when applied to children and youth. Shriners Hospitals for Children. (Co-PI).
11. 2007-2011. Long Term Outcomes and Life Satisfaction for Adults with Pediatric-Onset SCI, Shriners Hospitals for Children (PI).
12. 2012-2015. Long Term Outcomes and Life Satisfaction for Adults with Pediatric-Onset SCI, Shriners Hospitals for Children (Co-I).
13. 2007-2011. Relationship between social participation, quality of life, and psychosocial factors of children and adolescents with spinal cord injuries and their caregivers (Co-PI 2007; PI 2008-2010).
14. 2007-2010. Development and validation of computer adaptive assessment activity, performance participation, and quality of life in pediatric SCI Shriners Hospitals for Children (Co-PI).
15. 2008-2009. Development of a New Screening Procedure for Determining Adiposity in Youth with Physical Disabilities. Grant No. H133A0600066 from the U.S. Department of Education, the National Institute on Disability and Rehabilitation Research. (Co-PI).
16. 2010-2015. Advanced Rehabilitation Research Training Grant. U.S. Department of Education, the National Institute on Disability and Rehabilitation Research. (Co-PI).
17. 2010-2015. Rehabilitation Engineering Research Centers Program. U.S. Department of Education, the National Institute on Disability and Rehabilitation Research. (Co-PI).
18. 2010-2015. UIC Obesity research project on prevalence, adaptations, and knowledge translation in youth and young adults with disabilities from diverse race/ethnic backgrounds. U.S. Department of Education, the National Institute on Disability and Rehabilitation Research. (Co-PI).
19. 2012-2014 Relationship between psychosocial factors of youth with spinal cord injuries and their caregivers. PI. Shriners Hospitals for Children funding. (PI 2012; co-PI 2013-2014).
20. 2014-2014. Preventing distracted driving among college age students. Portes Grant (Institute of Medicine of Chicago). (PI)
21. 2014-2016 Caring for Caregivers: Supporting Caregivers of Youth with SCI (Protocol 288993). Craig H. Neilsen Foundation. (Co-I).
22. 2014-2016. Pediatric Multi-Center Evaluation of Notable SCI Outcome Instruments. Craig H. Neilsen Foundation. (Co-I).

23. 2014-2017. Process of Adjustment among Caregivers of Individuals with Spinal Cord Injury: A Qualitative Study. Department of Defense. (PI).
 24. 2015-2018. Living with SCI: Middle adulthood psychosocial outcomes of pediatrics SCI. Craig H. Neilsen Foundation. (Co-I).
 25. 2016-2018. *PI*: Understanding the transition to adulthood among youth with spinal cord injury, Shriners Hospitals for Children. (Co-I)
- Book**
1. Vogel LC, Zebracki K, Betz RR, Mulcahey MJ (Eds.), Spinal Cord Injury in the Child and Young Adult. Mac Keith Press, London., UK. 2014.
 2. Section Editor of Section V11. Special Considerations and Editorial Team. Chhabra HS (Ed.), ISCoS Textbook on Comprehensive Management of Spinal Cord Injuries. Wolters Kluwer, (India) Pvt. Ltd., New Delhi. 2015.

Book Chapters

1. Vogel, L.C., Smith, P.A. (1994). Pain-Control Alternatives. In H. Glauser (Ed.), Living with Osteogenesis Imperfecta - A Guidebook for Families. The Osteogenesis Imperfecta Foundation, Inc., Tampa, pp. 73-82.
2. Vogel, L.C., Betz, R.R. (1996). Introduction. In R.R. Betz, & M.J. Mulcahey (Eds.), The Child with a Spinal Cord Injury. American Academy of Orthopaedic Surgeons, Rosemont, Illinois, pp. xxi-xxiv.
3. Vogel, L.C., DeVivo, M.J. (1996). Etiology and Demographics. In R.R. Betz, & M.J. Mulcahey (Eds.), The Child with a Spinal Cord Injury. American Academy of Orthopaedic Surgeons, Rosemont, Illinois, pp. 3-12.
4. Vogel, L.C. (1996). Management of Medical Issues. In R.R. Betz, & M.J. Mulcahey (Eds.), The Child with a Spinal Cord Injury. American Academy of Orthopaedic Surgeons, Rosemont, Illinois, pp. 189-212.
5. Vogel, L.C. (1996). Spasticity: Diagnostic Workup and Medical Management. In: R.R. Betz, & M.J. Mulcahey (Eds.), The Child with a Spinal Cord Injury. American Academy of Orthopaedic Surgeons, Rosemont, Illinois, pp. 261-268.
6. Vogel, L.C. (1996). Medical Management of Pressure Ulcers. In R.R. Betz, & M.J. Mulcahey (Eds.), The Child with a Spinal Cord Injury. American Academy of Orthopaedic Surgeons, Rosemont, Illinois, pp. 293-304.
7. Vogel, L.C. (1996): Long-term Prophylactic Medical Care. In R.R. Betz, & M.J. Mulcahey (Eds.), The Child with a Spinal Cord Injury. American Academy of Orthopaedic Surgeons, Rosemont, Illinois, pp. 679-688.
8. Vogel, L.C. (2000). Analysis of ambulation in children and adolescents with spinal cord injuries. In G.F. Harris, P.A. Smith, (Eds.), Pediatric Gait. A New Millennium in Clinical Care and Motion Analysis Technology. Institute of Electrical and Electronics Engineering, Inc. Piscataway, N.J., pp. 84-91.
9. Vogel, L.C., Betz, R.R., Mulcahey, M.J. (2002). Pediatric Spinal Cord Disorders. In S. Kirshblum, D.I. Campagnolo, & J.A. DeLisa, (Eds.), Spinal Cord Medicine. Lippincott, Williams and Wilkins, Philadelphia, pp. 438-470.
10. Anderson, C.J., Vogel, L.C. (2002). Adult outcomes and life satisfaction. In J.F. Sarwark & J.P. Lubicky, (Eds.) Caring for the Child with Spina Bifida. American Academy of Orthopaedic Surgeons, Rosemont, Illinois, pp. 627-637.
11. Vogel, L.C., Betz, R.R., Mulcahey, M.J. (2003). Pediatric Spinal Cord Disorders in Children and Adolescents. In V. Lin (Ed.) Spinal Cord Medicine Textbook. Demos, New York, New York, pp. 851-884.

12. Anderson, C.J., Vogel, L.C. Spinal Cord Injury. In: J.E. Farmer, J. Donders, & S. Warschausky (Eds.). *Neurodevelopmental Disabilities*. Guilford, New York, New York, pp. 42-60.
13. Vogel, L.C., Betz, R.R., Mulcahey, M.J. (2010). Spinal Cord Disorders in Children and Adolescents. In V. Lin (Ed.). *Spinal Cord Medicine Textbook*, Second Edition. Spinal. Demos, New York, New York, pp. 595-622.
14. Vogel L.C., Anderson C.J. (2011). The Spinal Cord. In A.S. Davis (Ed.) *Handbook of Pediatric Neuropsychology*. Springer, New York, New York, pp. 109-120.
15. Vogel, L.C., Betz, R.R., Mulcahey, M.J. (2011). Pediatric Spinal Cord Disorders. In S. Kirshblum, D.I. Campagnolo, (Eds.). *Spinal Cord Medicine*. Second Edition. Wolters Kluwer; Lippincott Williams & Wilkins, New York, New York, pp533-564.
16. Zebracki, K. & Vogel, L. (2012) Epidemiology of childhood-onset spinal cord injuries in the United States. In V. Rahimi-Movaghar, S.B. Jazayeri, A.R. Vaccaro (Eds.), *Epidemiology of Spinal Cord Injuries*. Hauppauge, NY: Nova Science Publishers, Inc. pp19-28.
17. Vogel, L.C., Betz, R.R., Mulcahey, M.J..(2012) Spinal Cord Injuries in Children and Adolescents. In J. Verhaagen, J. McDonald. (Eds.). *Handbook of Clinical Neurology*. Elsevier pp138-148.
18. Vogel, L.C & Graham, A. (2013) Specific issues in management and rehabilitation. In M. Pike (Ed). *Clinics in Developmental Medicine: Disorders of the spinal cord in children*. Mac Keith Press, London, pp186-224
19. Vogel LC, Reed K, Krause J. Life Care Planning. (2014). In Vogel LC, Zebracki K, Betz RR, Mulcahey MJ eds. *Spinal Cord Injury in the Child and Young Adult*. Mac Keith Press, London, UK.
20. Bosques G, Vogel LC. Medical Complications and Management. (2014). In Vogel LC, Zebracki K, Betz RR, Mulcahey MJ eds. *Spinal Cord Injury in the Child and Young Adult*. Mac Keith Press, London, UK.
21. Zebracki K, Chlan K, Vogel LC. Long-Term Outcomes of Pediatric-Onset Spinal Cord Injury. (2014). In Vogel LC, Zebracki K, Betz RR, Mulcahey MJ (Eds.), *Spinal Cord Injury in the Child and Young Adult*. Mac Keith Press, London, UK
22. Vogel LC, Zebracki K, Mulcahey MJ. (2015). Special considerations for rehabilitation of paediatric spinal cord injury. In Chhabra HS (Ed.), *ISCoS Textbook on Comprehensive Management of Spinal Cord Injuries*. Wolters Kluwer, (India) Pvt. Ltd., New Delhi, pp941-959
23. Krassioukov A, Rapidi A, Wecht J, Vogel LC, (2015). Autonomic Dysreflexia. In Chhabra HS (Ed) *ISCoS Textbook on Comprehensive Management of Spinal Cord Injuries*. Wolters Kluwer, (India) Pvt. Ltd., New Delhi, pp814-824.
24. Zebracki, K. & Vogel, L. (2015). Transitional care and outcomes: A national program example. In P. Smith, F. Rauch, & G. Harris (Eds.), *Transitional Care in Osteogenesis Imperfecta: Advances in Biology, Technology, and Clinical Practice*. Tampa, FL: Shriners Press, Chicago, IL, pp3-16.
25. Vogel LC, Patt P. (2017) Obesity: prevalence, risk factors and health consequences. In Budd MA, Hough S, Wegener ST, Stiers (Eds.), *Practical Psychology in Medical Rehabilitation* Springer. Switzerland. pp 311-316.

Publications

1. Tieffenberg, J., Vogel, L.C., Kretschmer, R.R., and Gotoff, S.P. Chicken Embryo Model for Type III Group B Beta Hemolytic Streptococcal Septicemia. *Infect. Immun.*, 19:481-485, 1978.
2. Vogel, L.C., Ferguson, L., and Gotoff, S.P. *Citrobacter* Infections of the Central Nervous System in Early Infancy. *J. Pediatr.*, 93:86-88, 1978.
3. Vogel, L.C., Nathan, C., Sweeney, H.M., Kabins, S.A., and Cohen, S. Infections Due to

- Gentamicin-Resistant *Staphylococcus Aureus* Strain in a Nursery for Neonatal Infants. *Antimicrob. Agents Chemother.*, 13:466-472, 1978.
4. Vogel, L.C., Kretschmer, R.R., Boyer, K.M., Padnos, D.M., Gadzala, C.A., and Gotoff, S. P. Human Immunity to Group B Streptococci Measured by Indirect Immunofluorescence: Correlation with Chick Embryo Protection. *J. Inf. Dis.*, 140:682-689, 1979.
5. Gotoff, S.P., Vogel, L.C., Padnos, D.M., and Kretschmer, R.R. Perinatal Immunity to Group B Streptococci: Studies in Animal Models. In Mt. Parker (Ed.) *Pathogenic Streptococci*, Chertsey, Surrey: Reedbooks Ltd., 165, 1979.
6. Kretschmer, R.R., Vogel, L.C., Kelly, P., Padnos, D.M., Goldman, M., and Gotoff, S. P. Mechanism of Mouse Model Resistance to Type III Group B Streptococci. In Mt. Parker (Ed.) *Pathogenic Streptococci*, Chertsey, Surrey: Reedbooks Ltd., 165, 1979.
7. Vogel, L.C., Kretschmer, R.R., Padnos, D.M., Kelly, P.D., and Gotoff, S.P. Protective Value of Gamma Globulin Preparations against Group B Streptococcal Infections in Chick Embryos and Mice. *Pediatr. Res.* 14:788-792, 1980.
8. Kretschmer, R.R., Vogel, L.C., Kelly, P., Padnos, D.M., Goldman, M., Audeh, W.M., and Gotoff, S. P. Murine Resistance to Type III Group B Streptococci. *Infection* 8:54-57, 1980.
9. Vogel, L.C., Boyer, K.M., Gadzala, C.A., and Gotoff, S.P.: Prevalence of Type-Specific Group B Streptococcal Antibody in Pregnant Women. *J. Pediatr.* 96:1047-1051, 1980.
10. Vogel, L.C., and Boyer, K.M.: Metastatic Complications of *Fusobacterium Necrophorum* Series: Two Cases of Lemierre's "Postanginal Septicemia." *Am. J. Dis. Child.* 134:356-358, 1980.
11. Boyer, K.M., Vogel, L.C., Gotoff, S.P., Gadzala, C.A., Stringer, J., Maxted, W.R. Nosocomial Transmission of Bacteriophage Type 7/11/12 Group B Streptococci in a Special Care Nursery. *Am. J. Dis. Child.* 134:964-966, 1980.
12. Vogel, L.C., Boyer, K.M., Gotoff, S.P., Kasper, D.L., and Baker, C.J. Comparison of Assays for Antibody to Group B Streptococcus Type III. *J. of Inf. Dis.* 141:530, 1980.
13. Boyer, K.M., Theeravuthichai, J., Vogel, L.C., Orlina A., Gotoff, S.P. Antibody Response to Group B Streptococcus Type III and AB Blood Group Antigens Induced by Pneumococcal Vaccine. *J. Pediatr.* 98:374-378, 1981.
14. Dearolf, W.W., Betz, R.R., Vogel, L.C., Levin, J., Clancy, M.C., Steel, H.H. Scoliosis in Pediatric Spinal-Cord Injured Patients. *J. Pediatr. Orthop.* 10:214-218, 1990.
15. Turker, R., Lubicky, J.P., Vogel, L.C. Toxic Shock Syndrome in Patients with External Fixators. *J. Pediatr. Orthop.* 12:658-662, 1992.
16. Doering, J.L., Burket, A.E., Vogel, L.C. Length Polymorphisms in New Human Collagen-Like Loci. *FEBS* 1993;334:237-40.
17. Vogel, L.C. Antibiotic-Induced Diarrhea. *Orthopaedic Nursing.* 1995;14:38-41.
18. Vogel, L.C., Lubicky, J.P. Ambulation in Children and Adolescents with Spinal Cord Injuries. *J. Pediatr. Ortho.* 1995;15:510-516.
19. Vogel, L.C., Schrader, T., Lubicky, J.P. Latex Allergy in Children and Adolescents with Spinal Cord Injuries. *J. Pediatr. Orthop.* 1995;15:517-520.
20. Vogel, L.C., Lubicky, J.P. Ambulation with Parapodia and Reciprocating Gait Orthoses in Pediatric Spinal Cord Injury. *Dev. Med. Child Neurol.* 1995;37:957-964.
21. Vogel, L.C., Lubicky, J.P. Neurological and Vascular Complications of Scoliosis Surgery in Patients with Ehlers-Danlos Syndrome. *Spine* 1996;21:2508-14.
22. Vogel, L.C. Unique management needs of pediatric spinal cord injury patients: Introduction. *J. Spinal Cord Med.* 1997;20:9.
23. Vogel, L.C. Unique management needs of pediatric spinal cord injury patients: Etiology and pathophysiology. *J. Spinal Cord Med.* 1997;20:10-13.
24. Vogel, L.C. Unique management of pediatric spinal cord injury patients: Medical issues.

- J. Spinal Cord Med. 1997;20:17-20.
25. Anderson, C.J., Mulcahey, M.J., Vogel, L.C. Menstruation and Pediatric Spinal Cord Injury. J. Spinal Cord Med. 1997;20:56-59.
26. Vogel, L.C., Mulcahey, M.J., Betz, R.R. The Child with a Spinal Cord Injury. Dev. Med. Child Neurol. 1997;39:202-207.
27. Vogel, L.C., Lubicky, J.P. Cervical spine fusion: not protective of cervical spine injury and tetraplegia. Am. J. Orthopaedics. 1997;26:636-640.
28. Vogel, L.C. Pediatric spinal cord injury issues: Introduction. Top Spinal Cord Inj Rehabil. 1997;3(2):vi-vii.
29. Vogel, L.C., DeVivo, M.J. Pediatric spinal cord injury issues: etiology, demographics and pathophysiology. Top Spinal Cord Inj Rehabil. 1997;3(2):1-8.
30. Vogel, L.C., Pontari, M.A. Pediatric spinal cord injury issues: medical issues. Top Spinal Cord Inj Rehabil. 1997;3(2):20-30.
31. Vogel, L.C., Lubicky, J.P. Pediatric spinal cord injury issues: ambulation. Top Spinal Cord Inj Rehabil. 1997;3(2):37-47.
32. Anderson, C.J., Johnson, K.A., Klaas, S.J., Vogel, L.C. Pediatric Spinal Cord Injury: transition to adulthood. J. Voc. Rehabil. 1998; 10:103-113.
33. Vogel, L.C., Klaas, S.J., Lubicky, J.P., Anderson, C.J. Long-term outcomes and life satisfaction of adults with pediatric spinal cord injuries. Arch. Phys. Med. Rehabil. 1998; 79:1496-1503.
34. Johnson, K.A., Klaas, S.J., Vogel, L.C. Using a hospital-based pediatric spinal cord injury sports and conditioning camp to facilitate leisure education. SCI Psychosocial Process. 1999;54-56.
35. Anderson, C. J., Vogel, L.C. Work experience in adolescents with spinal cord injuries. Dev. Med. Child Neurol. 2000;42:515-517.
36. Hickey, K.J., Anderson, C.J., Vogel, L.C. Pressure ulcers in pediatric spinal cord injury. Top Spinal Cord Inj Rehabil, 2000;6 (suppl):85-90.
37. Vogel, L.C., Anderson, C.J. Adult outcomes and life-satisfaction of pediatric-onset spinal cord injuries: Implications. Top Spinal Cord Inj Rehabil, 2000;6 (suppl):182-187.
38. Chaviano, A. H., Matkov, T.G., Anderson C. J., McGovern, P.A., Vogel, L.C. Mitrofanoff continent catheterizable stoma for pediatric patients with spinal cord injuries. Top Spinal Cord Inj Rehabil, 2000; 6 (suppl):30-35.
39. Anderson, C. J., Vogel, L. C. Preparation for employment in children and adolescents with spinal cord injuries. Top Spinal Cord Inj Rehabil, 2000;6(suppl):170-175.
40. Vogel, L.C., Lubicky, J.P. Lower extremity compartment syndrome in an adolescent with a spinal cord injury. J Spinal Cord Med 2001; 24:278-283.
41. Hickey, K.J, Vogel, L.C. Autonomic dysreflexia in pediatric spinal cord injury. SCI Nursing 2002; 19:82-84. PMID:12510513.
42. Anderson, C.J., Vogel, L.C. Employment outcomes of adults who sustained spinal cord injuries as children or adolescents. Arch Phys Med Rehabil, 2002; 83:791-801. PMID: 12048657.
43. Vogel, L.C., Krajci K.A., Anderson, C.J. Adults with pediatric-onset spinal cord injury: Part 1: Prevalence of medical implications. J Spinal Cord Med, 2002; 25:106-116. PMID: 12137214.
44. Vogel, L.C., Krajci K.A., Anderson, C.J. Adults with pediatric-onset spinal cord injuries. Part 2: Musculoskeletal and neurological complications. J Spinal Cord Med, 2002; 25:117-123. PMID: 12137215.
45. Anderson, C.J., Krajci K.A., Vogel, L.C. Life satisfaction in adults with pediatric-onset spinal cord injury. J Spinal Cord Med, 2002; 25:184-190. PMID 12214905.
46. Altiock H, Mekhail A, Vogel L.C., Herman J.E., Lubicky J.P. Issues in surgical treatment of thoraco-lumbar injuries associated with spinal cord injuries in children and

- adolescents. *Am J Orthop*. 2002; 31:647-651. PMID:12463587.
47. Vogel, L.C., Krajci K.A., Anderson, C.J. Adults with pediatric-onset spinal cord injuries: Part 3: Impact of medical complications. *J Spinal Cord Med*, 2002; 25:297-305. PMID:12482173.
48. Vogel, L.C., Anderson, C.J. Self-injurious behavior in children and adolescents with spinal cord injuries. *Spinal Cord*, 2002;40:666-668.
49. Anderson, C.J., Krajci K.A., Vogel, L.C. Community integration among adults who sustained spinal cord injuries sustained as children or adolescents. *Dev. Med. Child Neurol*. 2003;45:129-134. PMID: 12578239.
50. Vogel, L.C., Anderson, C.J. Spinal cord injuries in children and adolescents: a review. *J Spinal Cord Med*, 2003; 26:193-203. PMID: 14997957.
51. Anderson C.J., Vogel, L.C. Domain specific satisfaction in adults with paediatric-onset spinal cord injuries. *Spinal Cord*, 2003; 41:684-691.
52. DeVivo, M.J., Vogel, L.C. Epidemiology of spinal cord injuries in children and adolescents. *J Spinal Cord Med*, 2004; 27:S4-S10. PMID: 15503696.
53. Hickey, K.J., Vogel, L.C., Willis, K.M., Anderson, C.J. Prevalence and etiology of autonomic dysreflexia in children with spinal cord injuries. *J Spinal Cord Med*, 2004; 27:S54-S60. PMID: 15503704.
54. McGinnis, K.B., Vogel, L.C., McDonald, C.M., Porth, S., Hickey, K.J., Davis, M., Bush, P., Jenkins, D. Recognition and management of autonomic dysreflexia in pediatric spinal cord injury. *J Spinal Cord Med*, 2004; 27:S61-S74. PMID: 15503705.
55. Smith, P.A., Hassani, S., Reiners K, Vogel, L.C., Harris, G. Gait analysis in children and adolescents with spinal cord injuries. *J Spinal Cord Med*, 2004; 27:S44-S49. PMID: 15503702.
56. Anderson, C.J., Vogel, L.C., Betz, R.R., Willis, K.M. Overview of adult outcomes in pediatric-onset spinal cord injuries: implications for transition to adulthood. *J Spinal Cord Med*, 2004; 27:S98-S106. PMID: 15503711.
57. Mehta, S., Betz, R.R., Mulcahey, M.J., McDonald, C., Vogel, L.C., Anderson, C.J. Effect of bracing on paralytic scoliosis secondary to spinal cord injury. *J Spinal Cord Med*, 2004; 27:S88-S92. PMID: 15503709.
58. Chafetz, R., McDonald, C., Mulcahey, M.J., Betz, R.R., Anderson, C.J., Vogel, L.C., Martin, S., O'Dell MA, Flanagan, A. Timed motor test for wheelchair users: initial development and application in children with spinal cord injury. *J Spinal Cord Med*, 2004; 27:S38-S43. PMID: 15503701.
59. Johnson, K. A., Klaas, S.J., Vogel, L.C., McDonald C. Leisure characteristics of the pediatric spinal cord injury population. *J Spinal Cord Med*, 2004; 27:S107-S109. PMID: 15503712.
60. Vogel L.C., Hickey, K.J., Klaas, S.J., Anderson, C. J. Unique Issues in Pediatric Spinal Cord Injury. *Orthopaedic Nursing*, 2004; 23:300-308. PMID: 15554466.
61. Mulcahey, M.J., Anderson C.J., Vogel L.C., DeVivo M.J., Betz, R.R., McDonald, C.M. Pediatric spinal cord injury: Evidence-based practice and outcomes. *Top Spinal Cord Inj Rehabil*, 2004;10(2):69-78.
62. Vogel, L.C., Anderson, C.J., Betz, R.R., Mulcahey, M.J., McDonald, C.M. The child with a high tetraplegic spinal cord injury. *Top Spinal Cord Inj Rehabil*, 2005;10 (3):19-29.
63. Vogel, L.C., Anderson, C.J. Outcomes of adults with pediatric onset spinal cord injury. *Top Spinal Cord Inj Rehabil*, 2005;10 (4): 109-115.
64. Anderson, C.J., Vogel, L.C., Willis, K.M., Betz, R.R. Stability of transition to adulthood among individuals with pediatric-onset spinal cord injury. *J Spinal Cord Med*, 2006; 29:46-56. PMID: 16572565.
65. Vogel LC, MD; Mendoza MM, Schottler JC, Chlan KM, Anderson CJ. Ambulation in

- children and youth with spinal cord injuries. *J Spinal Cord Med*, 2007;30:S158-164. PMID: 17874702.
66. Sison-Williamson M, Bagley A, Hongo A, Vogel LC, Mulcahey MJ, Betz RR, McDonald CM. Effect of Thoracolumbosacral Orthoses on Reachable Workspace Volumes in Children with Spinal Cord Injury. *J Spinal Cord Med*, 2007; 30:S184-191. PMID: 17874706.
 67. Hunter L, Molitor F, Chafetz R, Mulcahey MJ, Vogel LC, Betz RR, McDonald CM. Development and Pilot Test of the Shriners Pediatric Instrument for Neuromuscular Scoliosis (SPINS): A Quality of Life Questionnaire for Children with Spinal Cord Injuries. *J Spinal Cord Med*, 2007; 30:S150-157. PMID: 17874701.
 68. Patt PL, Agena SM, Vogel LC, Foley S, Anderson CJ. Estimation of Resting Energy Expenditure in Children with Spinal Cord Injuries. *J Spinal Cord Med*, 2007; 30:S83-87. PMID: 17874692.
 69. Anderson, C.J., Vogel, L.C., Chlan, K.M., Betz, R.R. McDonald, C.M. Depression in adults who sustained spinal cord injuries as children or adolescents. *J Spinal Cord Med*, 2007; 30:S76-82. PMID: 17874691.
 70. Shavelle RM, DeVivo MJ, Vogel LC, Strauss DJ, Paculdo DR. Long-term survival after childhood spinal cord injury. *J Spinal Cord Med*, 2007; 30:S48-54. PMID: 17874687.
 71. Mulcahey MJ, Gaughan J, Betz RR, Vogel LC. Rater agreement on the ISCSCI motor and sensory scores obtained before and after formal training in testing technique. *J Spinal Cord Med* 2007;30: S146-149. PMID 17874700.
 72. Chavetz RS, Mulcahey MJ, Betz RR, Anderson C, Vogel LC, Gaughan J, O'Dell MA, Flanagan A, McDonald CM. Impact of prophylactic thoracolumbosacral orthosis bracing on functional activities and Activities of daily living in the pediatric spinal cord injury population. *J Spinal Cord Med*, 2007; 30:S178-183. PMID: 17874705.
 73. Gupta MC, Wijesekera S, Sossan A, Martin L, Vogel LC, Boakes JL, Lerman JA, McDonald CM, Betz RR. Reliability of radiographic parameters in neuromuscular scoliosis. *Spine* 2007; 32:691-695. PMID: 17413476
 74. Anderson CJ, Vogel LC, Chlan, K.M., Betz, R.R. McDonald, C.M. Coping with spinal cord injury: strategies used by adults who sustained their injuries as children or adolescents. *J Spinal Cord Med*, 2008; 31: 290-296. PMID: 18795479.
 75. Hunter LN, Sison-Williamson M, Mendoza MM, McDonald CM, Molitor F, Mulcahey MJ, Betz RR, Vogel LC, Bagley A. The validity of compliance monitors to assess wearing time of thoracic-lumbar-sacral orthoses in children with spinal cord injury. *Spine*. 2008;33(14):1554-61. PMID: 18552670.
 76. Chen Y, Anderson CJ, Vogel LC, Chlan KM, Betz RR, McDonald CM. Change in Life Satisfaction of Adults with Pediatric-onset Spinal Cord Injury. *Arch Phys Med Rehabil*. 2008; 89:2285-2292. PMID: 19061740.
 77. Vogel LC, Sturm P. Management of Patients with Developmental and Hereditary Spinal Cord Disorders. *Top Spinal Cord Inj Rehabil*, 2008; 14(2): 53-62.
 78. Chafetz RS, Vogel LC, Betz RR, Gaughan JP, Mulcahey MJ. International standards for neurological classification of spinal cord injury: training effect on accurate classification. *J Spinal Cord Med*, 2008; 31:538-542. PMID: 19086711.
 79. Allen DD, Mulcahey MJ, Haley SM, DeVivo MJ, Vogel LC, McDonald CM, Duffy T, Betz RR. Motor scores on the functional independence measure after spinal cord injury. *Spinal Cord*, 2009; 47:213-217.
 80. Chafetz RS, Gaughan JP, Vogel LC, Betz RR, Mulcahey MJ. The international standards for neurological classification of spinal cord injury: intra-rater agreement of total motor and sensory scores in the pediatric population. *J Spinal Cord Med*, 2009; 32:157-161. PMID: 19569463.

81. Stille CJ, Frantz J, Vogel LC, Lighter D. Building Communication between Professionals at Children's Specialty Hospitals and the Medical Home. *Clin Pediatr*. 2009 Jul;48(6):661-673. PMID:19286621.
82. Anderson CJ, Kelly E, Klaas SJ, Russell H, Daharsh E, Gorzkowski J, Vogel LC, Anxiety and depression in children and adolescents with spinal cord injuries. *Dev Med Child Neurol*; 2009; 51:826-832. PMID: 19416340.
83. Vogel LC, Samdani A, Chafetz R, Gaughan J, Betz RR, Mulcahey MJ. Intra-rater agreement of the anorectal exam and classification of injury severity in children with spinal cord injury. *Spinal Cord*, 2009; 47:687-691.
84. Schottler J, Vogel L, Chafetz R, Mulcahey MJ, Patient and Caregiver Knowledge of Autonomic Dysreflexia among Youth with Spinal Cord Injury. *Spinal Cord*, 2009; 47:681-686.
85. House LA, Russell HF, Kelly EH, Gerson A, Vogel LC. Rehabilitation and Future Participation of Youth Following Spinal Cord Injury: Caregiver Perspectives. *Spinal Cord*. 2009; 47:882-886.
86. Calhoun CL, Haley SM, Riley A, Vogel LC, McDonald CM and MJ Mulcahey MJ. Development of items designed to evaluate activity performance and participation in children and adolescents with Spinal Cord Injury. *International Journal of Pediatrics*, 2009; doi:10.1155/2009/854904. PMID: 20049343.
87. Schottler J, Vogel L, Chafetz R, Mulcahey MJ, Patient and caregiver knowledge of severity of injury among youth with spinal cord injury. *Spinal Cord*. 2010; 48:34-38.
88. Gorzkowski JA, Kelly EH, Klaas SJ, Vogel LC. Girls with spinal cord injury: Social and job-related participation and psychosocial outcomes. *Rehabil Psychol*, 2010; 55: 58-67. PMID: 20175635.
89. Klaas SJ, Kelly EH, Gorzkowski G, Homko E, Vogel LC. Assessing Patterns of Participation and Enjoyment in Pediatric Spinal Cord Injury. *Dev Med Child Neurol*; 2010; 52:468-474. DOI: 10.1111/j.1469-8749.2009.03552. PMID: 20041932.
90. Cahill PJ, Warnick DE, Lee MJ, Gaughan J, Vogel LE, Hammerberg KW, Sturm PF. Infection after spinal fusion for pediatric spinal deformity: thirty years of experience at a single institution. *Spine*, 2010; 35(12):1211-7. PMID: 20445480.
91. Zebracki K, Anderson CJ, Chlan KM, Vogel LC. Outcomes of adults with pediatric-onset spinal cord injury: Longitudinal findings and implications on transition to adulthood. *Top Spinal Cord Inj Rehabil*, 2010;16(1):17-25.
92. Rimmer JH, Yamaki K, Davis BM, Wang E, Vogel LC. Obesity and obesity-related secondary conditions in adolescents with intellectual/developmental disabilities. *J Intellect Disabil Res*. 2010 Sep; 54(9):787-94., DOI: 10.1111/j.1365-2788.2010.01305.
93. Kelly EH, Anderson CJ, Garma S, Russell HF, Klaas SJ, Gorzkowski JA, Vogel LC. Relationships between the Psychological Characteristics of Youth with Spinal Cord Injury and their Primary Caregivers. *Spinal Cord* 2011; 49:200-205 (doi: 10.1038/sc.2010.78).
94. Garma SI, Kelly EH, Daharsh EZ, Russell H, Vogel LC. Health related quality of life after pediatric spinal cord injury. *Journal of Pediatric Psychology* 2011; 36:226-236. (2010; doi: 10.1093/jpepsy/jsq037). PMID: 20435632.
95. Yamaki K, Rimmer JH, Lowry BD, Vogel LC. Prevalence of obesity-related chronic health conditions in overweight adolescents with disabilities. *Res in Dev Disabil*. 2011; 32:280-288. PMID: 21115323.
96. Vogel LC, Zebracki K, Chlan KM, Anderson CJ. Long-term outcomes of adults with pediatric-onset spinal cord injuries as a function of neurological impairment. *J Spinal Cord Med* 2011;34:60-66. PMID: 21528628.

97. Chlan KM, Zebracki K, Vogel LC. Spirituality and Life Satisfaction in Adults with Pediatric-Onset Spinal Cord Injury. *Spinal Cord*, 2011; 49: 371-375. (6 July 2010; doi:10.1038/sc.2010.80).
98. Biering-Sørensen F, Alexander MS, Burns S, Charlifue S, DeVivo M, V Dietz V, Krassioukov A, Marino R, Noonan V, Post MWM, Stripling T, Vogel L, Wing P. Recommendations for translation and reliability testing of international spinal cord injury data sets. *Spinal Cord* 2011; 49: 357-360. (9 November 2010) | doi:10.1038/sc.2010.153.
99. Samdani A, Chafetz R, Vogel LC, Betz RR, Gaughan JP, Mulcahey MJ. The International Standards for Neurological Classification of Spinal Cord Injury: Relationship between S4-5 dermatome testing and Anorectal Testing. *Spinal Cord* 2011; 49:352-356. (2 November 2010) | doi:10.1038/sc.2010.144).
100. Kelly EH, Altiock H, Gorzkowski JA, Abrams JR, Vogel LC How does participation of youth with spina bifida vary by age? *Clinical Orthopaedics and Related Research*, 2011; 469:1236-1245. DOI 10.1007/s11999-010-1693-x. PMID: 21116755.
101. Betz RR, Chafetz RS, Vogel LC, Samdani AF Mulcahey MJ,. Description of Sensory Preservation in Children and Adolescents with Incomplete Spinal Cord Injury. *J Spinal Cord Med* 2011; 34:297-300. PMID: 21756568.
102. Mulcahey MJ, Gaughan J, Chafetz RS, Vogel LC, Samdani AF, Betz RR, Inter-rater Reliability of the International Standards for Neurological Classification of Spinal Cord Injury in Youths with Chronic Spinal Cord Injury. *Archives Phys Med Rehabil*. 2011; 92:1264-9.
103. Palisano R, Orlin M, Chiarello L, Oeffinger D, Polansky M, Maggs J, Gorton G, Tylkowski C, Vogel L, Abel M, Stevenson R. Determinants of Intensity of Participation in Leisure and Recreational Activities by Youth with Cerebral Palsy. *Archives Phys Med Rehabil*. 2011; 92:1468-1476. PMID: 21878219.
104. Dasch KB, Russell HF, Kelly EH, Gorzkowski JA, Mulcahey MJ, Betz RR, & Vogel LC. Coping in caregivers of youth with spinal cord injury. *J Clin Psychol Med Settings*, 2011 /8, 361-371 DOI 10.1007/s10880-011-9258-z. PMID: 21861066.
105. Mulcahey MJ, Vogel L, Betz R, Samdani A, Chafetz R, Gaughan J. (2011) The International Standards for Neurological Classification of Spinal Cord Injury: Psychometric Evaluation and Guidelines for Use with Children and Youth. *Phys Med & Rehab*, 92:264-1269.
106. Gorzkowski JA, Kelly EH, Klaas SJ, Vogel LC. Obstacles to Community Participation among Youth with Spinal Cord Injury. *J Spinal Cord Med*. 2011; 34:576-585. PMID: 22330113.
107. Rimmer JH, Yamaki K, Davis BM, Wang E, Vogel LC. Obesity and overweight prevalence among adolescents with disabilities. *Prev Chronic dis* 2011; 8(2): A41. http://www.cdc.gov/pcd/issues/2011/mar/10_0099.htm. PMID: 21324255.
108. Slavens BA, Graf A, Krzak J, Vogel L, Harris GF. Upper extremity kinematics in children with spinal cord injury. *Conf Proc IEEE Eng Med Biol Soc*. 2011;2011:8158-61. doi: 10.1109/IEMBS.2011.6092012.PMID: 22256235.
109. Kelly EH, Mulcahey MJ, Klaas SJ, Russell HF, Anderson CJ, Vogel LC. Psychosocial outcomes among youth with spinal cord injury and their primary caregivers. *Top Spinal Cord Inj Rehabil*.2012; 18(1):67-72. PMID: 23459120.
110. Hwang M, Chlan KM, Vogel LC, Zebracki K. Substance use in young adults with pediatric-onset spinal cord injury. *Spinal Cord*. 2012; 50:497-501. (doi:1038/sc.2012.8).
111. Lindwall JJ, Russell HF, Kelly EH, Klaas SJ, Mulcahey MJ, Betz RR, Vogel LC. Coping and participation in youth with spinal cord injury. *Top Spinal Cord Inj Rehabil*. 2012; 18(3) 220-231. PMID:23459106.

112. Krassioukov A, Biering-Sorensen F, Donovan W, Kennelly M, Kirshblum S, Krogh K, Sipski Alexander M, Vogel L, Wecht J. International Standards to document remaining Autonomic Function after Spinal Cord Injury (ISAFSCI), First Edition. *Top Spinal Cord Inj Rehabil*. 2012; 18(3) 282-296. PMID: 23460763.
113. Mulcahey MJ, Calhoun CL, Tian F, Ni P, Vogel LC, Haley SM. Evaluation of newly developed item banks for child-reported outcomes of participation following spinal cord injury. *Spinal Cord*. 2012; 50:915-919. (Aug 21. doi: 10.1038/sc.2012.80).
114. Krassioukov A, Biering-Sorensen F, Donovan W, Kennelly M, Kirshblum S, Krogh K, Sipski Alexander M, Vogel L, Wecht J. International Standards to document remaining Autonomic Function after Spinal Cord Injury. *J Spinal Cord Med*. 2012; 35:201-210. PMID: 22925746.
115. Schottler J, Vogel LC, Sturm P. Spinal Cord Injuries in Young Children: A Review of Children Injured at Five Years of Age and Younger. *Dev Med Child Neurol* 2012; 54:1138-1143. PMID: 22998495.
116. Paul AJ, Slavens BA, Graf A, Krzak J, Vogel L, Harris GF. Upper Extremity Biomechanical model for evaluation of pediatric joint demands during wheelchair mobility. *Conf Proc IEEE Eng Med Biol Soc*. 2012:4788-4791. PMID: 23366999.
117. Kelly, E. H., Klaas, S. J., Garma, S., Russell, H. F., & Vogel, L. C. Participation and quality of life among youth with spinal cord injury. *J Pediatr Rehabil Med* 2012; 5:315-325. PMID: 23411772.
118. Chen Y, Tang Y, Vogel L, DeVivo MJ. Causes of Spinal Cord Injury. *Top Spinal Cord Inj Rehabil*. 2013; 19(1):1-8. PMID: 23678280.
119. Chafetz RS, Gaughan JP, Calhoun C, Schottler J, Vogel LC, Betz RR, Mulcahey MJ. Relationship between neurological injury and patterns of upright mobility in children with spinal cord injury. *Top Spinal Cord Inj Rehabil* 2013;19(1):31-41. PMID: 23678283
120. Krisa L, Gaughan J, Vogel L, Betz RR, Mulcahey MJ. Agreement of repeated motor and sensory scores at individual myotomes and dermatomes in young persons with spinal cord injury. *Spinal Cord* 2013; 51:75-81.
121. Zebracki K, Hwang M, Patt PL, Vogel LC. Cardiovascular dysfunction and vitamin D deficiency in pediatric spinal cord injury. *J Pediatr Rehabil Med* 2013; 6:45–52. PMID: 23481891.
122. Kelly EH, Vogel LC. An Overview of Psychosocial Health among Youth with Spinal Cord Injury. *Top Spinal Cord Inj Rehabil*. 2013; 19(2):129-141. PMID: 23671383
123. Hwang M, Zebracki K, Betz RR, Mulcahey MJ, Vogel LC. Normative blood pressure and heart rate in pediatric spinal cord injury. *Top Spinal Cord Inj Rehabil*. 2013; 19(2):87-95. PMID: 23671378.
124. Bent LM, Mulcahey MJ, Kelly EH, Calhoun CL, Tian F, Ni P, Vogel LC, Haley SM. Validity of Computer Adaptive Tests of Daily Routines for Youth with Spinal Cord Injury. *Top Spinal Cord Inj Rehabil*. 2013; 19(2):104-113. PMID: 23671380.
125. Krisa L, Mulcahey MJ, Gaughan JP, Smith B, Vogel LC. Using a Limited Number of Dermatomes as a Predictor of the 56-Dermatome Test of the International Standards for Neurological Classification of Spinal Cord Injury in the Pediatric Population. *Top Spinal Cord Inj Rehabil*. 2013; 19(2):114-120. PMID: 23671381.
126. Calhoun CL, Schottler J, Vogel LC. Recommendations for Mobility in Children with Spinal Cord Injury. *Top Spinal Cord Inj Rehabil*. 2013; 19(2):142-151. PMID: 23671384
127. Smith TF, Russell HF, Kelly EH, Mulcahey MJ, Betz RR, Vogel LC. Examination and Measurement of Coping among Adolescents with Spinal Cord Injury. *Spinal Cord*. 2013; 51:710-714.
128. Flanagan A, Kelly EH, Vogel LC Psychosocial outcomes of youth with early onset spinal cord injury and those with spina bifida. *Pediatr Phys Ther* 2013; 25:452-459. PMID: 23995670.

129. January AM., Zebracki, K., Chlan, K., Vogel, L. Mental health and risk of secondary medical complications in adults with pediatric-onset spinal cord injury. *Top Spinal Cord Inj Rehabil.* 2014; 20:1-12. doi 10.1310/SCI2001-1.
130. Klaas SJ, Kelly EH, Anderson CJ, Vogel LC. Depression and anxiety in adolescents with pediatric-onset spinal cord injury. *Top Spinal Cord Inj Rehabil.* 2014; 20:13-22. doi 10.1310/SCI2001-13.
131. Hwang, M., Zebracki, K., Chlan, K., Vogel, L. Longitudinal changes in medical complications in adults with pediatric-onset spinal cord injury. *J Spinal Cord Med* 2014 37:171-178. doi: 10.1179/2045772313Y.0000000150. PMID: 24090490
132. January, A.M, Zebracki, K., Chlan, K.M., & Vogel, L.C. (2014). Symptoms of depression over time in adults with pediatric-onset spinal cord injury. *Arch Phys Med Rehabil.* 95(3), 447-454. doi:10.1016/j.apmr.2013.11.011
133. Hwang M., Zebracki K, Chlan K, & Vogel L. Longitudinal employment outcomes in adults with pediatric-onset spinal cord injury. *Spinal Cord* 2014; 52:477-482.
134. Schnorenberg AJ, Slavens BA, Wang M, Vogel LC, Smith PA, Harris GF. Biomechanical model for evaluation of pediatric upper extremity joint dynamics during wheelchair mobility. *J Biomechanics* 2014; 47:269-276. DOI10.1016/j.jbiomech2013.11.014.
135. Riordan A, Kelly EH, Mulcahey MJ, Betz RR, Vogel LC Psychosocial outcomes among youth with spinal cord injury by neurological impairment. *J Spinal Cord Med* 2015; 38:76-83. doi: 10.1179/2045772313Y.0000000162.
136. Hwang, M., Zebracki, K., Vogel, L.. Occupational characteristics of adults with pediatric-onset spinal cord injury. *Top Spinal Cord Inj Rehabil.* 2015; 21:10-19. doi: 10.1310/sci2101-10.
137. Russell, H.R., January, A. M., Kelly, E.H., Mulcahey, M.J. Betz, R.R. & Vogel, L.C. Patterns of Coping Strategy Use and Relationships with Psychosocial Outcomes in Adolescents with Spinal Cord Injury. *Journal of Pediatric Psychology.* 2015;40(5):535-543.DOI: 10.1093/jpepsy/jsu159.
138. January, A., Zebracki, K., Czworniak, A., Chlan, K., & Vogel, L. Predictive factors of hospitalization in adults with pediatric-onset SCI: A longitudinal analysis. *Spinal Cord.* 2015; 53:314-319DOI 10.1038/sc.2015.13.
139. Bandini L, Danielson M, Esposito LE, Foley JT, Fox MH, Frey GC, Fleming RK, Krahn G, Must A, Porretta DL, Rimmer J, Rodgers AB, Stanish H, Urv T, Vogel LC, Humphries K. Obesity in Children with Developmental and/or Physical Disabilities. *Disabil Health.* 2015; 8(3):309-316. Doi: 10:1016/j.dhjo.2015.04.005.
140. Wingo BC, Mehta TS, Qu P, Vogel LC, Rimmer JH. Exploratory study examining clinical measures of adiposity risk for predicting obesity in adolescents with physical disabilities. *Am J Phys Med Rehabil.* 2015; 94(8): 585-594. Doi ; 10.1097/PHM.0000000000000323.
141. Slavens BA, Schnorenberg AJ, Aurit CM, Graf A, Krzak JJ, Reiners K, Vogel LC, Harris GF. Evaluation of pediatric manual wheelchair mobility using advanced biomechanical methods. *BioMed Res Int.* 2015; 2015:634768 doi.org/10.1155/2015/634768
142. Hwang, M., Zebracki, K., & Vogel, L.C. Medication profile and polypharmacy in adults with pediatric-onset spinal cord injury. *Spinal Cord.* 2015; 53:673-678. doi: 10.1038/sc.2015.62.
143. Slavens BA, Schnorenberg AJ, Aurit CM, Tarima S, Vogel LC, Harris GF. Biomechanics of Pediatric Manual Wheelchair Mobility. *Front Bioeng Biotechnol.* 2015 Sep 10;3:137. doi: 10.3389/fbioe.2015.00137.
144. Mulcahey MJ, Slavin MD, Pengsheng N, Vogel LC, Kozin SH, Haley SM, Barakat N, Jette AM. Computer Adaptive Tests Detect Change Following Orthopedic Surgery in

- Youth with Cerebral Palsy. *J Bone Joint Surg Am.* 2015; 97:1482-94. doi.org/10.2106/JBJS.0.00179.
145. Saunders LL, Selassie A, Cao Y, Zebracki K, Vogel LC. Epidemiology of pediatric traumatic spinal cord injury in a population-based cohort, 1998-2012. *Top Spinal Cord Inj Rehabil.* 2015; 21(4):325-332.
 146. January, A.M, Zebracki, K., Chlan, K.M., & Vogel, L.C. (2015). Sleep, well-being, and psychological symptoms in adults with pediatric-onset spinal cord injury. *Rehabilitation Psychology*, 60(4), 328-334. doi: 10.1037/rep0000061.
 147. Vogel LC, Zebracki K. Long-Term Outcomes of Pediatric-Onset Spinal Cord Injuries: Implications for Life Care Planning. *Journal of Life Care Planning.* 2015; 13(4):3-10.
 148. January, A., Zebracki, K., Chlan, K., & Vogel, L.C. Understanding posttraumatic growth following pediatric-onset spinal cord injury: The critical role of coping strategies for facilitating positive psychological outcomes. *Dev Med Child Neurol.* 2015 57:1143-1149. doi: 10.1111/dmcn.12820
 149. Mulcahey MJ, Calhoun CL, Sinko R, Kelly EH, Vogel LC. The Spinal Cord Independence Measure (SCIM)-III Self Report for Youth. *Spinal Cord.* 2016; 54:204-212. doi:10.1038/sc.2015.103
 150. Clark JF, Mealing SJ, Scott DA, Vogel LC, Krasssioukov A, Spinelli M, Bagi P, Wyndaele JJ. A cost-effectiveness analysis of long term intermittent catheterization with hydrophilic-and coated catheters. *Spinal Cord* 2016; 54:73-77. doi: 10.1038/sc.2015.117
 151. Slavin MD, Mulcahey MJ, Calhoun Thielen C, Ni P, Vogel LC, Haley SM, Jette AM. Measuring activity limitation outcomes in youth with spinal cord injury. *Spinal Cord* 2016; 54:546-552. doi:10.1038/sc.2015.194.
 152. Kelly E, Riordan AL, Zebracki K, Thorpe S, Vogel LC . Relationships between caregiver characteristics and health-related quality of life among youths with spinal cord injury. *Top Spinal Cord Inj Rehabil.* 2016; 22(2):149-157.
 153. Mulcahey MJ, Slavin M, Pengsheng N, Vogel L, Calhoun Thielen C, Coster W, Jette A. The Pediatric Measure of Participation (PMoP) Short Forms. *Spinal Cord* 2016. Doi: 10.1038/sc.2016.68.
 154. Calhoun Thielen CL, Sadowsky C, Vogel LC, Taylor H, Davidson L, Bultman J, Gaughan JP, Mulcahey MJ. (in press)Evaluation of the Walking Index for Spinal Cord Injury II (WISC-II) in children with spinal cord injury. *Spinal Cord.* 2016 Oct 18. doi: 10.1038/sc.2016.142.
 155. Morrison, M., Kelly, E. H., Russell, H. F., & Vogel, L. C. (in press). Rewards of parenting youth with spinal cord injuries. *Spinal Cord* 2016; DOI:10.1038/sc.2016.83.
 156. Slavin M, Mulcahey MJ, Vogel L, Calhoun C, Jette A. Development and validation of short forms of activity for youth with SCI. *Spinal Cord*, In Press.
 157. Hwang, M., Zebracki, K., & Vogel, L.C. (in press). Long-term outcomes and longitudinal changes of neurogenic bowel management in adults with pediatric-onset spinal cord injury. *Arch Phys Med Rehabil.*
 158. Mulcahey MJ, Vogel LC, Sheikh M, Arango-Lasprilla J, Augutis M, Garner E, Hagen EM, Jakeman L, Kelly E, Martin R, Odenkirchen J, Scheel-Sailer A, Schottler J, Taylor H, Thielen CC, and Zebracki K., (In press) Recommendations for the National Institute for Neurologic Disorders and Stroke Spinal Cord Injury Common Data Elements for Children and Youth with SCI. *Spinal Cord.*
 159. Murray C, Zebracki K, Chlan K, Moss A, Vogel LC. (in press). Medical and Psychological Factors Related to Pain in Adults with Pediatric-onset Spinal Cord Injury: A Biopsychosocial Model. *Spinal Cord.*
 160. Alhuthaifi F, Krzak JJ, Hanke T, Vogel LC. (in press). Predictors of functional outcomes in adults with traumatic spinal cord injury following inpatient rehabilitation: A systematic review. *J Spinal Cord Med.*

Contributions to peer-reviewed research publications, editorials, chapters, committee reports, participation cited but not by authorship:

1. National Clinical Guideline Centre (2012). *Infection: Prevention and control of healthcare-associated infections in primary and community care (partial update of NICE clinical guideline 2). Clinical guideline: Methods, evidence, and recommendations*. Retrieved from <http://www.nice.org.uk/nicemedia/live/13684/58654/58654.pdf>
2. Bermingham, S., Hodgkinson, S., Wright, S., Hayter, E., Spinks, J., & Pellowe, C. (2013). Intermittent self catheterisation with hydrophilic, gel reservoir, and non-coated catheters: a systematic review and cost effectiveness analysis. *British Medical Journal*, 346, e8639. doi: <http://dx.doi.org/10.1136/bmj.e8639>.
3. Palisano R, Chiarello LA, Orlin M, Oeffinger D, Polansky M, Maggs J, Bagley A, Gorton G; Childrens Activity and Participation Group. Determinants of Intensity of Participation in Leisure and Recreational Activities by Youth with Cerebral Palsy. *Dev Med Child Neurol* 2011;53:142-149. PMID: 20964676.
4. Bickenbach, J., Bodine, C., Brown, D., Burns, A., Campbell, R., Cardenas, D., ... Xiong, X. (2013). *International perspectives on spinal cord injury*. Geneva, Switzerland: World Health Organization (WHO) Press. Retrieved from http://apps.who.int/iris/bitstream/10665/94190/1/9789241564663_eng.pdf

Letter to the Editor

1. Gotoff, S.P., Boyer, K.M., Vogel, L.C., and Kretschmer, R.R.: Group B Streptococcal Infections, (Letters to the Editor), *Lancet*, 1:97, 1979.
2. Vogel LC, Wing P, Stripling T. Consortium for Spinal Cord Medicine (Letters to the Editor). *Arch Phys Med Rehabil* 2007; 88:1083-1085. PMID: 17678675.
3. Krisa L, Gaughan J, Vogel L, Betz RR, Mulcahey MJ. Response to editorial note on: agreement of repeated motor and sensory scores at individual myotomes and dermatomes in young persons with spinal cord injury. *Spinal Cord*. 2013 Jan;51(1):83. doi: 10.1038/sc.2012.130. Epub 2012 Nov 6.

Abstracts and Presentations

1. Vogel, L.C., Tieffenberg, J., Kretschmer, R. R., Nevin, T., Gotoff, S. P. A Chick Embryo Model for Group B Beta Hemolytic Streptococcal (GBBHS) Septicemia, *Intersci. Conf. Antimicrob. Agents Chemother.*, Presentation, New York, 1977.
2. Vogel, L.C., Kretschmer, R.R., Padnos, D.M., Gotoff, S. P. Passive Immunization against Group B Streptococci with Human Globulin in the Chick Embryo. *Pediatr. Res.*, 12:500, 1978.
3. Kretschmer, R.R., Vogel, L.C., Kelly, P.D., Padnos, D.M., Goldman, M., Gotoff, S. P. Mechanism of Mouse Resistance to Group B Streptococci (GBS) Type III, VII, *Int. Symp. Streptococci Streptococcal Dis.*, 1978, #148, Presentation, Oxford, England.
4. Gotoff, S.P., Vogel, L.C., Padnos, D.M., Kretschmer, R.R. Perinatal Immunity to Group B Streptococci (GBS) Studies in Animal Models, VII *Int. Symp. Streptococci Streptococcal Dis.* 1978, #147, Presentation, Oxford, England, 1978.
5. Vogel, L.C., Kretschmer, R.R., Boyer, K.M., Padnos, D.M., Gadzala, C.A., Gotoff, S. P. Antibody to Group B Streptococci (GBS) Measured by Indirect Immunofluorescence (IFA), 18th *Intersci. Conf. Antimicrob. Agents Chemother.*, #472, Presentation, Atlanta, October, 1978.
6. Kretschmer, R.R., Vogel, L.C., Kelly, P.D., Padnos, D.M., Goldman, M., Gotoff, S.P. Mechanism of Mouse Resistance to Group B Streptococci (GBS) Type III, 18th *Intersci. Conf. Antimicrob. Agents Chemother.*, #474, Presentation, Atlanta, October, 1978.
7. Vogel, L.C., Kretschmer, R.R., Boyer, K.M., Padnos, D.M., Gadzala, C.A., Gotoff, S. P. Prevalence of Group B Streptococcal (GBS) Antibody Measured by Indirect Immunofluorescence (IF). *Pediatr. Res.*, 13:470, 1979.

8. Boyer, K.M., Gadzala, C.A., Kelly, P.D., Vogel, L.C., Gotoff, S.P. Nosocomial Late-Onset Group B Streptococcal Disease in an Intensive Care Nursery. *Pediatr. Res.*, 13:388, 1979.
9. Boyer, K.M., Thea, J., Vogel, L.C., Gotoff, S.P. Failure of 14-Valent Pneumococcal Vaccine (Pneumovax) to Induce Protective Levels of IgG Antibody Against Type III, Group B Streptococci (GBS-III) in Human Subjects, 19th Intersci. Conf. Antimicrob. Agents Chemother., Boston, October, 1979.
10. Gotoff, S.P., Papierniak, C., Kretschmer, R.R., Macsai, M., Vogel, L.C., Boyer, K.M. Enzyme-Linked Immunosorbent Assay (Elisa) for Type-Specific Group B Streptococcal (GBS) Antibody. 19th Intersci. Conf. Antimicrob. Agents Chemother., Boston, October, 1979.
11. Boyer, K.M., Vogel, L.C., Padnos, D.M., Gotoff, S.P. Virulence of Type II Group B Streptococci from Infected and Colonized Infants, 20th Intersci. Conf. Antimicrob. Agents Chemother., New Orleans, September, 1980.
12. Dearolf, W.W., III, Betz, R.R., Levin, J.L., Vogel, L.C., Clancy, M., Steel, H.H., Millar, E. A. Spinal Deformity in Pediatric Spinal Cord Injured Patients, Scoliosis Research Society, Bermuda, September, 1986.
13. Dearolf, W.W., III, Betz, R.R., Levin, J.L., Vogel, L.C., Clancy, M., Steel, H.H. Scoliosis in the Pediatric Spinal Cord Injured Population, American Spinal Injury Association, Boston, March, 1987.
14. Doering, J.L., Burket, A.E., and Vogel, L.C. Collagen Gene Deletions in Osteogenesis Imperfecta, *J. Cell. Biol.*, 105:213A, 1987.
15. Anderson, C.J., Vogel, L.C. Long-Term Adjustment to Adolescent Spinal Cord Injury: Parent/Child Relationships and Socializations, *J. Am. Paraplegia Soc.* 14:101, 1991. Poster at American Spinal Injury Association Annual Meeting 1991.
16. Richtsmeier, A.J., Hatcher, J.W., Stelzer-Margolin, C., Bartt, R., Vogel, L. An Observation Analysis of Postoperative Pain and Distress Behaviors. *Clinical Research*, 39:781A, 1991.
17. Vogel, L. Spinal Cord Injuries in Children. 47th Annual Midwest Clinical Conference. Presentation, Chicago, 1991.
18. Johnson, K.A., Anderson, C.J., Vogel, L.C. Long-Term Adjustment to Adolescent SCI: Quality Leisure Lifestyles, *J Am Paraplegia Soc* 1992;15:80. Presentation at American Spinal Injury Association, Toronto, Ontario, 1992.
19. Bourjaily, J.E., Anderson, C.J., and Vogel, L.C. Sexuality in Pediatric Spinal Cord Injury: Knowledge and Practice, *J Am Paraplegia Soc* 1993;16:112. Presentation at American Spinal Injury Association, San Diego, California, 1993.
20. Anderson, C.J., Vogel, M.C., Vogel, L.C. Pediatric Spinal Cord Injury: Making the Transition from High School to Career, *J Am Paraplegia Soc* 1993;16:143. Poster at American Spinal Injury Association, San Diego, California, 1993.
21. Anderson, C.J., Lubicky, J.P., Vogel, L.C. Impact of Pediatric Spinal Cord Injury on Family Adjustment: Parents' Perspective. *J. Am. Paraplegia Soc.* 17:102, 1994. Presentation at the American Spinal Injury Association.
22. Vogel, L.C., Lubicky, J.P. The Role of the Parapodium and Reciprocating Gait Orthosis in Pediatric Spinal Cord Injuries. *J. Am. Paraplegia Soc.* 17:114, 1994. Presentation at the American Spinal Injury Association.
23. Vogel, L.C., Schrader, T., Lubicky, J.P. Latex Allergy in People with Spinal Cord Injuries. *J. Am. Paraplegia Soc.* 17:117, 1994. Presentation at the American Spinal Injury Association.
24. Schrader, T., Vogel, L.C. Bowel Management in the Pediatric Spinal Cord Injury Population. *J. Am. Paraplegia Soc.* 17:129, 1994. Poster at the American Spinal Injury Association.

25. Vogel, L. C., Schrader, T., Richman, V., Anderson, C. Back to School after a Spinal Cord Injury: A Model of an Interdisciplinary Approach for Students Sustaining Traumatic, Chronic Disabilities. Presentation at the Association for the Care of Children's Health, Toronto, 1994.
26. Vogel, L.C., Lubicky, J.P. Ambulation in Children and Adolescents with Spinal Cord Injuries. J. Am. Paraplegia Soc. 17:214, 1994. Presentation at Annual Meeting of the American Paraplegia Society, Las Vegas, Nevada, 1994.
27. Vogel, L.C., Schrader, T., Lubicky, J.P. Latex Allergy in People with Spinal Cord Injuries. J. Am. Paraplegia Soc. 17:221-222, 1994. Poster at Annual Meeting of the American Paraplegia Society, Las Vegas, Nevada, 1994.
28. Anderson, C. J., Hanson, S., Vogel, L. C. Raising a child with a Spinal Cord Injury: Parental concerns about Sexual Development. J. Spinal Cord Med. 1995;18:120. Presentation at American Spinal Injury Association 1995.
29. Vogel, L.C., Gogia, R.S., Lubicky, J.P. Hip Abnormalities in Children with Spinal Cord Injuries. J. Spinal Cord Med. 1995;18:172. Poster at the American Spinal Injury Association 1995, Poster.
30. Lubicky, J.P., Gogia, R.S., Vogel, L.C. Hip abnormalities in children with spinal cord injury. Orthopaedic Transactions 1995; 19:105. Presentation at the Pediatric Orthopaedic Society of North America.
31. Vogel, L.C., Lubicky, J.P. Deep Vein Thrombosis Complicating Scoliosis Surgery in Pediatric Spinal Cord Injury. J. Spinal Cord Med. 1995; 18:272. Presentation at the American Paraplegia Society.
32. Anderson, C.J., Johnson, K.A., Vogel, M.C., Vogel, L.C. Outcomes of Young Adults with Pediatric Spinal Cord Injuries. SCI Psychosocial Process 1995; 9:49. Poster at the American Association of Spinal Cord Injury Psychologists and Social Workers.
33. Anderson, C.J., Lubicky, J.P., Vogel, L.C. Parental concerns about sexuality in children with Spinal Cord Injury or Myelomeningocele. Developmental Med. Child Neurol. 1995; 37 (Suppl 73):8. Presentation at the American Academy for Cerebral Palsy and Developmental Medicine, Presentation.
34. Anderson, C.J., Wright, G., Vogel, L.C. Driving Issues for Young Adults with Pediatric Spinal Cord Injuries. J. Spinal Cord Med. 1996; 19:115. Presentation at the American Spinal Injury Association.
35. Anderson, C.J., Mulcahey, M.J., Vogel, L.C. Menstruation in Pediatric Spinal Cord Injury. J. Spinal Cord Med. 1996;19:141. Presentation at the American Spinal Injury Association.
36. Vogel, L.C. Unique Management Needs of Pediatric Spinal Cord Injury Patients: Etiology and Pathophysiology. J. Spinal Cord Med. 1996;19:47. Symposium presentation at the American Paraplegia Society.
37. Vogel, L.C. Unique Management Needs of Pediatric Spinal Cord Injury Patients: Medical Issues. J. Spinal Cord Med. 1996;19:47-48. Symposium presentation at the American Paraplegia Society.
38. Anderson, C.J., Lubicky, J.P., Vogel, L.C. Early Concerns about Sexuality in Parents of Children with Spina Bifida. International Symposium on Spina Bifida. Ages 0-5 Years. Chicago, IL 1996.
39. Anderson, C.J., Vogel, L.C., Klaas, S.J., Lubicky, J.P. Long-term psychosocial outcomes and life satisfaction of patients with pediatric spinal cord injuries. J Spinal Cord Med. 1997;20:155. Presentation at the American Spinal Injury Association 1997.
40. Anderson, C.J., Klaas, S.J., Vogel, L.C. Psychosocial adjustment among children and adolescents with spinal cord injuries. J Spinal Cord Med. 1997;20:165. Poster at the American Spinal Injury Association.

41. Vogel, L.C., Lubicky, J.P. Cervical spine fusion not protective of cervical spine injury and tetraplegia. *J Spinal Cord Med.* 1997;20:176. Poster at the American Spinal Injury Association.
42. Vogel, L.C., Anderson, C.J., Klaas, S.J., Lubicky, J.P. Long-term medical complications and life satisfaction in pediatric spinal cord injuries. *J Spinal Cord Med.* 1997;20:177. Poster at the American Spinal Injury Association.
43. Godfried, D.H., Amory, D.W., Vogel, L.C., Lubicky, J.P. Spinal deformity in pediatric spinal cord injury patients. Presentation at Pediatric Orthopaedic Society of North America 1997.
44. Vogel, L.C., Lubicky, J.P. Gastrointestinal Complications of Pediatric Spinal Cord Injuries. *J Spinal Cord Med.* 1997;20:452. Presentation at the annual meeting of the American Paraplegia Society.
45. Vogel, L.C., Anderson, C.J. Klaas, S.J, Lubicky, J.P. Life Satisfaction and Long-term Outcomes of Pediatric Spinal Cord Injuries. *J Spinal Cord Med.* 1997;20:467. Presentation at the annual meeting of the American Paraplegia Society).
46. Anderson, C.J., Vogel, L.C., Klaas, S.J., Lubicky, J.P. Adult Psychosocial Outcomes/Life satisfaction in pediatric spinal cord injury. *J. Spinal Cord Med.* 1998;21:50-51. Presentation at the annual meetings of the American Association of Spinal Cord Injury Psychologists and Social Workers.
47. Anderson, C.A., Vogel, L.C., Klaas, S.J., Lubicky, J. P. Long-term outcomes and life satisfaction in pediatric spinal cord injury: a model for children with chronic disabilities. *Dev. Med. Child Neurol.* 1997;39 (Suppl 75):21. Presentation at the annual meeting of the American Academy of Cerebral Palsy and Developmental Medicine.
48. Godfried, D.H., Amory, D.W., Vogel, L.C., Lubicky, J.P. Spinal deformity in pediatric spinal cord injury patients. Presentation Scoliosis Research Society, Annual Meeting, St. Louis, MO. 1997.
49. Vogel, L.C., Lubicky, J.P.: Cervical spine fusion-not protective of cervical spine injury and tetraplegia. Poster at the American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, Louisiana, March 1998.
50. Anderson, C.J., Klaas, S.J., Johnson, K.A., Vogel, L.C. Adolescent work experience: Individuals with spinal cord injuries compared with peers. *J Spinal Cord Med* 1998;21:159. Presentation at American Spinal Injury Association Annual Meeting, 1998.
51. Vogel, L.C., Anderson, C.J., Chaviano, A.H., Fakouri, B.J. Continent catheterizable conduits improve independence and quality of life for adolescents with spinal cord injuries. *J Spinal Cord Med* 1998;21:156. Presentation at American Spinal Injury Association Annual Meeting, 1998.
52. Mulcahey, M.J., Betz, R.R., Vogel, L.C., James, M. A multi-center evaluation of the Freehand System in adolescents with tetraplegia. *J. Spinal Cord Med.* 1998;21:374. Presentation at American Paraplegia Society 1998 Annual Meeting.
53. Vogel, L.C., Anderson, C.J., Chaviano, A.H., Fakouri, B.J. Bladder management in pediatric SCI: Continent diversions and upper extremity reconstruction. *J. Spinal Cord Med.* 1998;21:382. Presentation at American Paraplegia Society 1998 Annual Meeting).
54. Vogel, L.C. Innovative approaches to adult transitions in pediatric spinal cord injury: Medicine and Rehabilitation. Presentation at American Association of Spinal Cord Injury Psychologists and Social Workers 1998 Annual Meeting.
55. Johnson, K.A., Klaas, S.J., Vogel, L.C., Smotherman, S. The Impact of a Sports Camp on Secondary Medical Complications - Shriners Hospital for Children, Chicago. September, 1998. Poster at American Association of Spinal Cord Injury Psychologists and Social Workers, 1998 Annual Meeting.
56. Hanneman, M., Schrader, T, Johnson, K., Vogel, L.C. The SCI Inform“Ant,” an Entertaining, Instructional Pediatric based Board Game. Shriners Hospital for Children,

- Chicago. Poster at American Association of Spinal Cord Injury Nurses. 1998 Annual Meeting.
57. Anderson, C.J., Vogel, L.C., Chaviano, A.H., Fakour, B.J. Improved independence and quality of life following continent urinary diversion in adolescents with spinal cord injuries or myelomeningocele. *Dev. Med. Child Neurol.* 1998;40:32 (Suppl 78). Poster AACPD, 1998 Annual Meeting.
 58. Mulcahey, M. J., Betz, R. R., Vogel, L. C., Smith, J.: Evaluation of Freehand in Adolescents with Tetraplegia. *Proceedings from 1998 RESNA*, Vol. #18, pgs. 229-231.
 59. Anderson, C.J., Vogel, L.C. Self-injurious behavior in Pediatric spinal cord injury. *J. Spinal Cord Med.* 1999;22:15. Poster at annual American Spinal Injury Association meeting 1999.
 60. Hickey, K. J., Weinberg, K. L., Anderson, C.J., Vogel, L.C. Long-term bowel and bladder outcomes of adults with pediatric spinal cord injury. *J. Spinal Cord Med.* 1999;22:53. Presentation at annual American Spinal Injury Association meeting 1999.
 61. Lubicky, J.P., Vogel, L.C., Klaas, S.J., Anderson, C.J. Life satisfaction and long-term outcomes of pediatric spinal cord injuries. Presentation at the annual meeting of the Pediatric Orthopaedic Society of North America, 1999.
 62. Vogel, L.C. Anderson, C.J., Hickey, K.J., Skubic, T., Betz, R.R. Bladder management and life satisfaction in adults with pediatric SCI. *J. Spinal Cord Med.* 1999;22. Poster at American Paraplegia Society 1999 annual meeting.
 63. Anderson, C.J., Vogel, L.C. Preparation for Employment: A hospital-based transition program for adolescents. Poster at American Association Spinal Cord Injury Psychologists and Social Workers, 1999 annual meeting.
 64. Hickey, K.J., Skubic, T., Anderson, C.J., Vogel, L.C. Bowel and bladder outcomes of adults with pediatric SCI. Poster at American Association of Spinal Cord Injury Nurses, 1999.
 65. Anderson, C.J., Vogel, L.C. Preparation for employment: a hospital based transition program for adolescents with special needs. AACPD annual meeting 1999. Demonstration poster.
 66. Vogel, L.C., Anderson, C.J. Adult outcomes and life satisfaction of pediatric-onset SCI: Implications. *The Howard H. Steel Conference on Pediatric Spinal Cord Injury: Contemporary Principles and New Directions.* December, 1999.
 67. Hickey, K.J., Anderson, C.J., Vogel, L.C. Pressure ulcers in pediatric spinal cord injury. *The Howard H. Steel Conference on Pediatric Spinal Cord Injury: Contemporary Principles and New Directions.* December, 1999.
 68. Anderson, C.J., Vogel, L.C. Preparation for employment in adolescents with spinal cord injuries. *The Howard H. Steel Conference on Pediatric Spinal Cord Injury: Contemporary Principles and New Directions.* December, 1999.
 69. Burns, L, Bednar, M., Vogel, L.C. Patient satisfaction and functional outcomes following bilateral tendon transfers in adolescents with spinal cord injury. *The Howard H. Steel Conference on Pediatric Spinal Cord Injury. Contemporary Principles and New Directions.* December, 1999. *Topics in Spinal Cord Injury Rehabilitation.* 2000;6 (suppl):206-207.
 70. Hickey, K.J., Skubic, T.S., Anderson, C.J., Vogel, L.C. Bowel and bladder outcome of adults with Pediatric Spinal Cord Injury: *The Howard H. Steele Conference on Pediatric Spinal Cord Injury, 1999. Topics in Spinal Cord Injury Rehabilitation.* 2000;6 (suppl):243.
 71. Anderson, C.J., Lubicky, J. P., Betz, R.R., Vogel, L.C. Employment in adults who sustained spinal cord injuries as children of adolescents. *J Spinal Cord Med* 2000;23:27-28. Presentation at annual American Spinal Injury Association meeting 2000.

72. Hickey, K.J., Anderson, C.J., Vogel, L.C. Pressure ulcers in pediatric spinal cord injury. *J Spinal Cord Med* 2000;23 (Suppl 1):51. Poster at annual American Spinal Injury Association meeting 2000.
73. Johnson, K.A., Klaas, S.J., Vogel, L.C. The impact of a pediatric SCI sports camp on secondary medical complications. *J Spinal Cord Med* 2000;23 (Suppl 1):64. Poster at annual American Spinal Injury Association meeting 2000.
74. Vogel, L.C. "Analysis of Ambulation in Children and Adolescents with Spinal Cord Injuries." (presentation) *Pediatric Gait: A New Millennium in Clinical Care and Motion Analysis Technology*. Chicago, July 22, 2000.
75. Vogel, L.C., Lubicky, J.P., Betz, R.R. Anderson, C.J. Medical complications in adults with Pediatric-onset SCI: Implications on quality of life. *J Spinal Cord Med* 2000;23:197. Poster at the annual meeting of American Paraplegia Society.
76. Vogel, L.C. Acute and chronic medical care for children with SCI. *J Spinal Cord Med* 2000;23:179. (Presentation at annual meeting of American Paraplegia Society.
77. Vogel, L.C. Surgical urologic options for children with spinal cord injuries. *J Spinal Cord Med* 2000;23:178. Presentation at annual meeting of American Paraplegia Society.
78. Anderson, C.J., Vogel, L.C. Long-term outcomes and life satisfaction in adults with pediatric onset spinal cord injuries or myelomeningocele. *Dev Med Child Neurol* 2000;42:11 (Supplement No. 83). Presentation at the American Academy for Cerebral Palsy and Developmental Medicine; annual meeting 2000.
79. Lubicky, J.P., Altiok, H., Vogel, L.C. Problems with spinal instrumentation and fusion for spinal trauma associated with spinal cord injury (SCI). Shrine Surgeons Association. Montreal, CA September 28-10/2000.
80. Anderson, C.J., Vogel, L.C. Achieving Independence: Adults with Pediatric-Onset Spinal Cord Injuries. *J Spinal Cord Med* 2001;24:1:S14. Presentation at the Annual Spinal Injury Association.
81. Vogel, L.C., Lubicky, J.P. Lower Extremity Compartment Syndrome in an Adolescent with SCI. *J Spinal Cord Med* 2001;24:1:S32-S33. Poster at the Annual American Spinal Injury Association.
82. Johnson, K.A., Klaas, S.J., Vogel, L.C. Leisure Characteristics of Children and Adolescents with Spinal Cord Injuries. *J Spinal Cord Med* 2001;24:1:S34-35. Poster at the Annual American Spinal Injury Association.
83. Vogel, L.C., Anderson, C.J. Vocational outcomes of adults with pediatric—onset spinal cord injuries. *J Spinal Cord Med* 2001;24:192. Presentation at Annual Meeting American Paraplegia Society 2001.
84. Vogel, L.C., Lubicky, J.P. Compartment Syndrome in an Adolescent with SCI. *J Spinal Cord Med* 2001;24:198. Poster at Annual Meeting of American Paraplegia Society 2001.
85. Anderson, C.J., Krajci, K.A., Vogel, L.C. Implications of Educational Achievement for Adults with Pediatric-Onset Spinal Cord Injuries. American Association of Spinal Cord Injury Psychologists and Social Workers. 2001.
86. Anderson, C.J., Vogel, L.C. Role of Education in the Employment and Life Satisfaction of Adults with Pediatric-Onset Spinal Cord Injury. *Dev Med Child Neurol* 2001;43 (Suppl 88):11. (Was to be Presentation at Annual Meeting of AACPD which was canceled).
87. Anderson, C.J., Vogel, L.C. Relationship of global and domain-specific life satisfaction in adults with pediatric-onset spinal cord injuries. Poster at Quality of Life Measurement: Building an Agenda for the Future. 2001.
88. Anderson, C.J., Vogel, L.C. Satisfaction with life among adults with pediatric-onset spinal cord injuries. Poster at Quality of Life Measurement: Building an Agenda for the Future. 2001.

89. Anderson, C.J., Vogel, L.C. Community integration among adults with pediatric-onset SCI. *J Spinal Cord Med* 2002;25: S11 (Suppl 1) Presentation at The Annual Spinal Injury Association/International Medical Society of Paraplegia.
90. Vogel, L.C., Krajci, K.A., Anderson, C.J. Long-term neurogenic bladder management in pediatric-onset spinal cord injury. *J Spinal Cord Med* 2002;25:219-220. Presentation at Annual Meeting American Paraplegia Society 2002).
91. Anderson, C.J., Vogel, L.C. Gender differences in adult outcomes of individuals with pediatric SCI. *J Spinal Cord Med* 2003; 26:S28 Presentation at the Annual American Spinal Injury Association.
92. Vogel, L.C., Hickey, K.J., Anderson, C.A. Autonomic dysreflexia in children with spinal cord injuries. *J Spinal Cord Med* 2003; 26:305. Poster at Annual Meeting of American Paraplegia Society 2003.
93. Anderson, C.J., Willis, K.M., Vogel, L.C. Spinal cord injuries in children compared to adolescents: demographics, impairment, and outcomes. Poster at the annual meeting of the American Association of Spinal Cord Injury Psychologists and Social Workers, 2003.
94. DeVivo, M.J., Vogel, L.C. Epidemiology of spinal cord injuries in children and adolescents. Presentation at the Howard H. Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. December 7-9, 2003.
95. Hickey, K.J., Anderson, C.J., Vogel, L.C. Autonomic dysreflexia in children with spinal cord injuries. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. December 7-9, 2003.
96. Vogel, L.C., McDonald, C., McGinnis, K, Porth, S., Hickey, K., Davis, M. Shriners Hospitals for Children Task Force on Autonomic Dysreflexia in Pediatric Spinal Cord Injury. Presentation at the Howard H. Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. December 7-9, 2003.
97. Vogel, L.C., Betz, R.R., DeVivo, M.J., McDonald, C. Spinal Cord Injuries in Infants and Young Children. Presentation at the Howard H. Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. December 7-9, 2003.
98. Smith, P.A., Hassani, S., Vogel, L.C., Harris G. Gait analysis in children and adolescents with spinal cord injuries. Presentation at the Howard H. Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. December 7-9, 2003.
99. Chafetz, R., McDonald, C., Mulcahey, M.J., Betz, R.R., Anderson, C.J., Vogel, L.C., Martin, S., Flanagan, A. A pilot study evaluating the difference between level of independence and typical performance at home of ADLs in the pediatric Spinal cord injury population. *J Spinal Cord Med* 2004; 27: S126-127. Poster at the Howard H. Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. December 7-9, 2003.
100. Mehta, S., Betz, R.R., Mulcahey, M.J., McDonald, C., Vogel, L.C., Anderson, C.J. The effect of bracing on paralytic scoliosis secondary to SCI. Presentation at the Howard H. Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. December 7-9, 2003.
101. Anderson, C.J., Betz, R.R., Vogel, L.C., Willis, K.M. Overview of adult outcomes in pediatric-onset spinal cord injuries: implications for transition to adulthood. Presentation at the Howard H. Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. December 7- 9, 2003.
102. Vogel, L.C., Betz, R.R., Anderson, C.J., Willis, K.M. Medical complications in adults with pediatric-onset spinal cord injuries and their impact on long-term outcomes. *J Spinal Cord Med* 2004; 27: S120. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. December 7- 9, 2003.
103. Vogel, L.C., Anderson, C.J. Transition to adulthood: a unique approach to enhancing adolescent work experiences. *J Spinal Cord Med* 2004; 27: S132. Poster at the Howard

- H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. December 7- 9, 2003.
104. Vogel, L.C., Anderson, C.J. Childhood-onset spinal cord injuries compared with adolescent-onset spinal cord injuries: demographics, impairment, and outcomes. *J Spinal Cord Med* 2004; 27: S134. Poster at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. December 7- 9, 2003.
 105. Anderson, C.J., Betz, R.R., Vogel, L.C. Stability of long-term outcomes of adults with pediatric-onset spinal cord injuries. *J Spinal Cord Med* 2004; 27:177. Presentation at the Annual American Spinal Injury Association meeting.
 106. Vogel, L.C. Betz, R.R., DeVivo, M.J., McDonald, C.M. Spinal cord injuries in infants and young children. *J Spinal Cord Med* 2004; 27:393-394. Presentation at The Annual American Paraplegia Society meeting.
 107. Vogel, L.C., Anderson, C.J., Betz, R.R., Willis K.M. Prediction of successful outcomes for adults with pediatric-onset spinal cord injury. *J Spinal Cord Med* 2004; 27:394. Presentation at the annual American Paraplegia Society meeting.
 108. Vogel, L.C., Anderson, C.J., Willis K.M. Transition to adulthood: perception of adults with physical disabilities and their parents. *Dev. Med. Child Neurol.* 2004; 46 (Suppl 99): 27. Presentation at the annual meeting of The American Academy for Cerebral Palsy and Developmental Medicine.
 109. Anderson, C.J., Vogel, L.C., Willis K.M. Transition to adulthood: perception of adults with pediatric-onset spinal cord injuries or myelomeningocele. *Dev. Med. Child Neurol.* 2004; 46 (Suppl 99): 27-28. Presentation at the annual meeting of The American Academy for Cerebral Palsy and Developmental Medicine.
 110. Vogel, L.C., Anderson, C.J., Betz, R.R., Willis K.M. Prevalence, predictive factors and impact of pressure ulcers in adults with pediatric-onset spinal cord injury. *J Spinal Cord Med* 2005; 28:129. Presentation at American Spinal Injury Association annual meeting 5/2005.
 111. Anderson, C.J., Vogel, L.C., Willis K.M., Betz, R.R. Cause of death in adults with pediatric onset SCI. *J Spinal Cord Med* 2005; 28:144. Presentation at American Spinal Injury Association annual meeting 5/2005.
 112. Mulcahey, M.J., Eichorn, J., McDonald, C., Betz, R., Vogel, L., Anderson, C., Feasibility of brace monitors to evaluate compliance with thoracic-lumbar-sacral orthoses prescription. *J Spinal Cord Med* 2005;28:162-163. Poster at American Spinal Injury Association annual meeting 5/2005.
 113. Mehta, S., Betz, R.R., Mulcahey, M.J., McDonald, C., Vogel, L.C., Anderson, C.J. Effect of bracing on paralytic scoliosis secondary to SCI. *J Spinal Cord Med* 2005; 28:354. Presentation at the annual American Paraplegia Society meeting September, 2005.
 114. Vogel, L.C., Anderson, C.J., Betz, R.R., McDonald C.M., Willis K.M. Upper extremity pain in adults with pediatric-onset spinal cord injury. *J Spinal Cord Med* 2005; 28:354. Presentation at the annual American Paraplegia Society meeting September, 2005.
 115. Anderson, C., Vogel, V., Willis, K., Betz, R., McDonald, C. Self-reported Depressive Symptoms in Adults with Pediatric-onset Spinal Cord Injuries. Poster at annual American Association of Spinal Cord Injury Psychologists and Social Workers, September 2005.
 116. Anderson, C., Vogel, V., Willis, K., Betz, R., McDonald, C. Environmental factors and their impact on outcomes of adults with pediatric-onset spinal cord injuries. *Dev. Med. Child Neurol.* 2005; 47 (Suppl 102): 23. Presentation at the annual meeting of The American Academy for Cerebral Palsy and Developmental Medicine.
 117. Mendoza, M., Vogel, L., Anderson, C., Schottler, J. Ambulation in children and youth with spinal cord injuries. Poster at Annual Illinois Physical Therapy Association Meeting, Springfield, Illinois, September 2005.

118. Vogel, L., Anderson, C., Willis, K., Betz, R., McDonald, C. Pain and its impact in adults with pediatric onset spinal cord injury. Presentation at 44th Annual International Spinal Cord Society, Munich, Germany, October 2005.
119. Vogel, L., Mendoza, M., Anderson, C., Schottler, J. Ambulation in children and youth with spinal cord injuries. Poster at 44th Annual International Spinal Cord Society, Munich, Germany, October 2005.
120. Anderson, C., Vogel, V., Willis, K., Betz, R., McDonald, C. Adults with pediatric-onset spinal cord injuries: coping strategies, demographics and outcomes. Poster at 44th Annual International Spinal Cord Society, Munich, Germany, October 2005.
121. Anderson, C., Vogel, V., Willis, K., Betz, R., McDonald, C. Impact of environmental and personal factors on outcomes in adults with pediatric-onset spinal cord injuries: coping strategies, demographics and outcomes. Poster at 44th Annual International Spinal Cord Society, Munich, Germany, October 2005.
122. Marks J, Stille C, Vogel L: Pediatric Subspecialty and the medical home: practical strategies to improve communication and co-management practices between specialty physicians and primary care providers. Presentation at Fifth Annual Meeting of National Initiative for Children's Healthcare Quality, Orlando, March 2006.
123. Stille CJ, Vogel LC. System-level changes to improve communication and co-management between specialty hospitals and primary care providers. Presentation at Spring Conference of National Association of Children's Hospitals and related Institutions and Related Institutions, Washington DC, March, 2006.
124. Anderson, C.J., Vogel, L.C., Chlan K.M., Betz, R.R. Risk factors for depression in adults with pediatric onset SCI. J Spinal Cord Med 2006; 29:248. Presentation at American Spinal Injury Association/ International Spinal Cord Society annual meeting 6/2006.
125. Vogel, L.C., Willis, K.M Anderson, C.J. Spinal Cord Injury without Radiographic Abnormality. J Spinal Cord Med 2006; 29:278. Presentation at American Spinal Injury Association/ International Spinal Cord Society annual meeting 6/2006).
126. Mendoza, M.M., Hunter, L., Sison, M., Bagley, A., Mulcahey, M.J., Betz, R.R., Vogel, L.C., Anderson, C.. Validity of thoracic-lumbar-sacral orthosis compliance monitors in children with SCI. J Spinal Cord Med 2006; 29:306. Poster at American Spinal Injury Association/ International Spinal Cord Society annual meeting 6/2006.
127. Mendoza, M., Vogel, L., Anderson, C., Schottler, J. Ambulation in Pediatric Spinal Cord Injury. Poster at annual American Paraplegia Society meeting 2006. J Spinal Cord Med 2006; 29:453.
128. Anderson, C., Vogel, V., Willis, K., Betz, R., McDonald, C. Pediatric-Onset Spinal Cord Injuries: Relationship of Adult Outcomes to Environmental Factors. Platform presentation at annual American Association of Spinal Cord Injury Psychologists and Social Workers, September 2006.
129. DeVivo, M., Shavelle, R., Strauss, D., Paculdo, Reynolds, R., Vogel, L., New Findings Regarding Long-Term Survival After Spinal Cord Injury. Poster at annual American Paraplegia Society meeting 2006. J Spinal Cord Med 2006; 29:454-455.
130. Bagley A, Mendoza M, Hunter L, Williamson M, Mulcahey MJ, Betz R, Vogel L, McDonald C. The validity of thoracic-lumbar-sacral orthosis compliance monitors in children with spinal cord injury. Scientific Poster at the annual meeting of AACPDM, Boston September 13-16, 2006.
131. Patt P, Agena S, Foley S, Vogel LC, Anderson C. Estimation of resting energy expenditure in children with spinal cord injuries. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006.
132. Mulcahey MJ, Caughan J, Betz R, Vogel L. Rater reliability of the International Standards for Neurological Classification in spinal cord injury motor and sensory scores

- obtained before and after formal training in testing technique. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006.
133. Vogel LC, Schottler JC, Mendoza MM, Chlan KM, Anderson CJ. Ambulatory ability in pediatric patients after a spinal cord injury. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006.
 134. Mendoza MM, Hunter L, Williamson MS, Bagley A, Mulcahey MJ, Betz R, Vogel LC, Aaron G, McDonald C. A comparison of three compliance monitors for use in thoraco-lumbar-sacral orthoses for children with spinal cord injury. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006. *J Spinal Cord Med*, 2007; 30:S192-193.
 135. Chen Y, Anderson CJ, Vogel LC, Chlan KM, Betz RR McDonald CM. Long-term life satisfaction of adults who sustained spinal cord injury as children or adolescents. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006.
 136. Vogel LC, Chlan KM, Anderson CJ. Spinal cord injury without radiographic abnormality. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006.
 137. Vogel LC, Anderson CJ, Chlan KM, Betz RR McDonald CM. Pain and its impact on adults with pediatric-onset spinal cord injury. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006. *J Spinal Cord Med*, 2007; 30:S193.
 138. DeVivo MJ, Shavelle RM, Vogel LC, Strauss DJ, Paculdo DR. Long-term survival after childhood spinal cord injury. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006.
 139. Sison-Williamson M, Bagley A, Hongo A, Vogel LC, Mulcahey MJ, Betz RR McDonald CM. The effect of thoracic lumbar sacral orthoses on reachable workspace volumes in children with spinal cord injury. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006.
 140. Anderson CJ, Vogel LC, Chlan KM, Betz RR, McDonald CM. Educational achievement of adults with pediatric-onset spinal cord injuries. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006. *J Spinal Cord Med*, 2007; 30:S194.
 141. Anderson CJ, Vogel LC, Chlan KM, Betz RR, McDonald CM. Risk factors for depression in adults with pediatric-onset spinal cord injuries. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006.
 142. Vogel LC, Anderson CJ, Chlan KM, Betz RR, McDonald CM. Long-term outcomes of adults with pediatric-onset spinal cord injuries as a function of neurological impairment. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006.
 143. Anderson CJ, Vogel LC, Chlan KM, Betz RR, McDonald CM. Impact of environmental factors on outcomes of adults with pediatric-onset spinal cord injuries. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006. *J Spinal Cord Med*, 2007; 30:S195.
 144. Chafez R, Mulcahey MJ, McDonald CM, Betz RR, Vogel LC, Anderson CJ, O'Dell A, Flanagan A. A pilot study evaluating the difference between level of independence (capacity) and typical performance at home of ADLs in the pediatric spinal cord injury

- population. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006. *J Spinal Cord Med*, 2007; 30:S195.
145. Chafez R, Mulcahey MJ, McDonald CM, Betz RR, Anderson CJ, Vogel LC, O'Dell A, Flanagan A. The impact of prophylactic TLSO bracing on functional activities and ADLs in the pediatric spinal cord injury population. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006.
 146. Hunter L, Molitor F, Chafez R, Mulcahey MJ, Betz RR, Vogel LC, McDonald CM. Development of the Shriners Pediatric Instrument for Neuromuscular Scoliosis (SPINS): a quality of life questionnaire for children with spinal cord injuries. Presentation at the Howard H Steel Conference: Injuries and Dysfunction of the Spinal Cord in Children. Orlando, Florida. November 29 - December 2, 2006.
 147. Marks J, Gordon J, Stille CJ, Vogel LC, Creating Partnerships between Primary Care Medical Homes & Specialty Hospitals. Workshop at 6th annual Forum for improving Children's Healthcare. (NICHQ); San Francisco, CA March 19-21, 2007.
 148. Kalola CJ, Vogel L. A rare cause for thoracic spinal cord compression and subsequent paraplegia following decompression surgery in a 13 year-old boy. Poster at annual meeting of the Association of Academic Physiatrists, San Juan, Puerto Rico, April 10 – 14, 2007.
 149. Stille CJ, Marks J, Vogel LC, Lighter D. Parents as communication partners promote care coordination by their child's PCP. Poster at the annual meeting of the Pediatric Academic Societies, Toronto, CA May 3-8, 2007.
 150. Stille CJ, Marks J, Vogel LC. Decreasing parallel play in the medical home: improving PCP-Specialist communication using a QI approach. Workshop at the annual meeting of the Pediatric Academic Societies, Toronto, CA May 3-8, 2007.
 151. Vogel LC, Anderson CJ, Chlan KM, Betz RR, McDonald CM. Long-term outcomes of adults with pediatric-onset spinal cord injuries as a function of neurological impairment. *J Spinal Cord Med* 2007;30:170. Presentation at American Spinal Injury Association annual meeting 2007.
 152. Chen Y, Anderson CJ, Vogel LC, Chlan KM, McDonald CM. Long-term life satisfaction of adults who sustained spinal cord injury as children or adolescents. *J Spinal Cord Med* 2007;30:171. Presentation at American Spinal Injury Association annual meeting 2007.
 153. Mulcahey MJ, Gaughan J, Betz RR, Vogel LC. Rater Reliability of the International Standards for Neurological Classification in Spinal Cord Injury motor and sensory scores obtained before and after formal training in testing technique. *J Spinal Cord Med* 2007;30:171. Presentation at American Spinal Injury Association annual meeting 2007.
 154. Anderson CJ, Vogel LC, Chlan KM, McDonald CM. Educational achievement of adults with pediatric-onset spinal cord injuries. *J Spinal Cord Med* 2007;30:173. Presentation at American Spinal Injury Association annual meeting 2007.
 155. Chen Y, Anderson CJ, Vogel LC, Chlan KM, McDonald CM, Betz RR. Independent living in adults with pediatric-onset spinal cord injury. *J Spinal Cord Med* 2007;30:183. Poster at American Spinal Injury Association annual meeting 2007.
 156. DeVivo MJ, Vogel LC. Risk factors and causes of death after pediatric spinal cord injury. *J Spinal Cord Med* 2007;30:187. Poster at American Spinal Injury Association annual meeting 2007.
 157. Chafetz RS, Mulcahey MJ, Betz RR, Vogel LC, Schottler J. Patient knowledge and understanding of severity of injury as defined by the ASIA examination. *J Spinal Cord Med* 2007;30:188. Poster at American Spinal Injury Association annual meeting 2007.

158. Sturm PF, McNitt M, Vogel LC. Development of scoliosis as a function of SCIWORA in pediatric-onset spinal cord injury. Poster at the International Spinal Cord Society annual meeting won third place prize, Iceland 2007.
159. Vogel LC, Anderson CJ, Chlan KM, Betz RR, McDonald CM. Long-term Outcomes of Adults with Pediatric-onset Spinal Cord Injuries as a Function of Neurological Impairment. Poster at the International Spinal Cord Society annual meeting, Iceland 2007.
160. Vogel LC, Anderson CJ, Chlan KM, Betz RR, McDonald CM. Medical complications and their impact on Life satisfaction adults with pediatric-onset spinal cord injuries Presentation at the International Spinal Cord Society annual meeting, Iceland 2007.
161. Mulcahey MJ, Gaughan J, Chafetz R, Betz RR, Vogel LC. Testing a limited number of dermatomes (ASIAQUICK) as a predictor of the 56 dermatome score. J Spinal Cord Med 2007;30:408. Poster at American Paraplegia Society, annual meeting.
162. Vogel LC, Anderson CJ, Chlan KM, Betz RR, McDonald CM. Impact of medical complications on life satisfaction in adults with pediatric-onset spinal cord injuries. J Spinal Cord Med 2007;30:410. Poster at American Paraplegia Society, annual meeting.
163. Vogel LC, Anderson CJ, Chlan KM, Betz RR, McDonald CM. Upper extremity pain and wheelchair use in adults with pediatric-onset spinal cord injuries. J Spinal Cord Med 2007;30:410-411. Poster at American Paraplegia Society, annual meeting.
164. Vogel LC, Schottler JC, Mendoza MM, Chlan KM, Anderson CJ. Ambulatory ability in pediatric patients after a spinal cord injury. Presentation at the International Tetraplegia Upper Extremity meeting, Philadelphia, September, 2007.
165. Klaas SJ, Kelly EH, Anderson CJ, Vogel LC. Assessing participation and enjoyment in pediatric SCI. J Spinal Cord Med 2008;31:249. Poster at American Spinal Injury Association annual meeting 2008.
166. Vogel LC, Chafetz RS, Gaughan JP, Mulcahey MJ. Within Rater Agreement of Repeated Anal-Rectal Exams and Severity of Classification in Children and Youth with Spinal Cord Injury J Spinal Cord Med 2008;31:238. Poster at American Spinal Injury Association annual meeting 2008.
167. Vogel LC, Anderson CJ, Chlan KM, Betz RR, McDonald CM. Upper extremity pain and wheel chair use in adults with pediatric-onset spinal cord injury. J Spinal Cord Med 2008;31:250. Poster at American Spinal Injury Association annual meeting 2008.
168. Chafetz RS, Mulcahey MJ, Schottler J, Vogel LC. Patterns of Upright mobility in 160 Children with SCI. J Spinal Cord Med 2008;31:252. Poster at American Spinal Injury Association annual meeting 2008.
169. Chafetz R, Vogel LC, Mulcahey MJ. Patient/Caregiver Knowledge of Autonomic Dysreflexia in Children with SCI. J Spinal Cord Med 2008;31:251-252. Poster at American Spinal Injury Association annual meeting 2008.
170. Vogel LC, Anderson CJ, Chlan KM, Betz RR, McDonald CM. Long-term Outcomes and Life Satisfaction in Adults with Pediatric-onset Spinal Cord Injuries. J Spinal Cord Med 2008;31:230. Presentation at American Spinal Injury Association annual meeting 2008.
171. Russell HF, Merenda L, Costello KM, Batlle E, House LA, Mulcahey MJ, Betz RR, Kelly EH, Anderson CJ, Vogel LC. Relationship between coping and psychological outcomes in pediatric SCI. J Spinal Cord Med 2008;31:228. (Presentation at American Spinal Injury Association annual meeting 2008).
172. Kelly EH, Anderson CJ, Gerson A, Vogel LC, Daharsh E, Garma S. Relationship between psychological health of caregivers and outcomes of youth with SCI. J Spinal Cord Med 2008;31:235. Presentation at American Spinal Injury Association annual meeting 2008).
173. Chafetz RS, Gaughan JP, Betz RR, Vogel LC, Mulcahey MJ. Within Rater Agreement of Repeated Total Scores for Light Touch, Pin Prick, and Motor Testing in Children and

- Youth with SCI. *J Spinal Cord Med* 2008;31:236. Presentation at American Spinal Injury Association annual meeting 2008.
174. Mulcahey MJ, Gaughan JP, Betz RR, Vogel LC. Testing a limited number of dermatomes as a predictor of the 56-dermatome score. *J Spinal Cord Med* 2008; 31:238. Poster at American Spinal Injury Association annual meeting 2008.
 175. Mulcahey MJ, Haley S, Calhoun C, Betz RR, Vogel LC, McDonald C. Measuring activity and participation with computer adaptive testing. *J Spinal Cord Med* 2008; 31:249. Poster at American Spinal Injury Association annual meeting 2008.
 176. Mulcahey MJ, Calhoun C, Chafetz R, Hunter L, Vogel LC, Samdani, Betz RR. Neurological examination and classification of spinal cord injury: reliability in children and youth. ePoster; 15th International Meeting on Advanced Spine Techniques, Hong Kong, July 8-11, 2008.
 177. Chen Y, Anderson CJ, Vogel LC, Chlan, McDonald CM, Betz RR. Long-term Employment Outcome in Adults with Pediatric-Onset Spinal Cord Injury. Presentation at 2008 ACRM-ASNR Joint Educational Conference, Rehabilitation Research: Interdisciplinary, International, Interaction, Toronto.
 178. Stille CJ, Lighter DE, Vogel LC, Marks J. Scaling it Up: Implementing Medical Home-Specialist Collaboration in a National Hospital System, Presentation at NACHRI & NACH Creating Connections Conference in March 2008.
 179. Stille CJ, Lighter DE, Vogel LC, Marks J. Applying Six Sigma and Lean to Medical Home. Presentation at NICHQ's Sixth Annual Forum for Improving Children's Health Care in March 2008.
 180. Stille CJ, Marks J, Vogel LC, Noble R, Lighter DE. Scaling It Up: A QI Collaborative to Improve Communication between a Hospital Network and Primary Care Presentation at NICHQ's Sixth Annual Forum for Improving Children's Health Care in March 2008.
 181. Stille CJ, Marks J, Vogel LC, Noble R, Lighter DE. Scaling It Up: A QI Collaborative to Improve Communication between a Hospital Network and Primary Care Presentation at PAS Annual Meeting in May 2008.
 182. Klaas SJ, Kelly EH, Anderson CJ, Vogel LC. Examining outcomes in pediatric SCI. *J Spinal Cord Med* 2008;31:330. Presentation at Congress on Spinal Cord Medicine and Rehabilitation, Orlando, FL.
 183. Garma S, Kelly EH, Gerson A, Anderson CJ, Vogel LC. Relationships between outcomes of caregivers and children with SCI. *J Spinal Cord Med* 2008;31:331-332. Presentation at Congress on Spinal Cord Medicine and Rehabilitation, Orlando, FL.
 184. Mulcahey MJ, Calhoun C, Haley S, Anderson CJ, Betz RR, Vogel LC. Computer adaptive testing: development of 21st century measurement systems to evaluate activity performance and participation I persons with SCI. *J Spinal Cord Med* 2008; 31:345. Poster at Congress on Spinal Cord Medicine and Rehabilitation, Orlando, FL.
 185. Vogel LC, Anderson CJ, Chlan KM, Betz RR, McDonald CM. Long-term Outcomes and Life Satisfaction in Adults with Pediatric-onset Spinal Cord Injuries. *J Spinal Cord Med* 2008;31:345-346. Poster at 2008 Congress on Spinal Cord Medicine and Rehabilitation, Orlando, FL.
 186. Vogel LC, Chafetz RS, Gaughan JP, Mulcahey MJ. Within Rater Agreement of Repeated Anal-Rectal Exams and Severity of Classification in Children and Youth with Spinal Cord Injury *J Spinal Cord Med* 2008;31:346. Poster at 2008 Congress on Spinal Cord Medicine and Rehabilitation, Orlando, FL.
 187. Chafetz RS, Gaughan JP, Betz RR, Vogel LC, Mulcahey MJ. Within Rater Agreement of Repeated Total Scores for Light Touch, Pin Prick, and Motor testing in Children and Youth with SCI. *J Spinal Cord Med* 2008;31:353-354. Poster at 2008 Congress on Spinal Cord Medicine and Rehabilitation, Orlando, FL.

188. Vogel LC, Kelly EH, Anderson CJ, Klaas SJ, Russell HF, Daharsh E. Psychosocial functioning of youth with spinal cord injury. Presentation at the 47th Annual Scientific Meeting, International Spinal Cord Society, September 1-4, 2008; Durban, South Africa.
189. Vogel LC, Klaas SJ, Kelly EH, Anderson CJ. Assessing participation and enjoyment in pediatric spinal cord injury. Presentation at the 47th Annual Scientific Meeting, International Spinal Cord Society, September 1-4, 2008; Durban, South Africa.
190. Vogel LC, Kelly EH, Anderson CJ, Klaas SJ, Russell HF, Daharsh E. Psychosocial functioning of youth with spinal cord injury. *Dev Med Child Neurol* 2008;50 (Suppl 4):40. Presentation at 2008 Annual Meeting of AACPDM, Atlanta, GA.
191. Mulcahey MJ, Gaughan J, Chafetz R, Betz R, Vogel L. International standards for neurological classification of spinal cord injury: reliability of data when applied to children and youth. *Dev Med Child Neurol* 2008;50 (Suppl 4):40-41. Presentation at 2008 Annual Meeting of AACPDM, Atlanta, GA.
192. Mulcahey MJ, Haley S, Riley A, Calhoun C, Vogel L, McDonald C, Betz RR. Measuring activity and participation with computer adaptive testing. *Dev Med Child Neurol* 2008;50 (Suppl 4):48. Scientific poster at 2008 Annual Meeting of AACPDM, Atlanta, GA.
193. Klaas SJ, Kelly EH, Vogel LC, Anderson CJ. Assessing participation and enjoyment in pediatric spinal cord injury. *Dev Med Child Neurol* 2008;50 (Suppl 4):65. Scientific poster at 2008 Annual Meeting of AACPDM, Atlanta, GA.
194. Chen Y, Anderson CJ, Vogel LC. Long-term employment outcome in adults with pediatric-onset spinal cord injury. Presentation at the 85th Annual Meeting of the American Congress of Rehabilitation Medicine and 15th Annual Meeting of the American Society of Neurorehabilitation, Toronto, Ontario, Canada, October 15-19, 2008; *Arch Phys Med Rehabil* 2008;89:E1.
195. Hunter LN, Molitor F, Mulcahey MJ, Betz RR, Vogel LC, McDonald CM. Reliability Testing of the Shriners Pediatric Instrument for Neuromuscular Scoliosis (SPINS): A Quality of Life Questionnaire for Children with Spinal Cord Injury. The 16th International Meeting on Advanced Spine Techniques (IMAST)_ July 15th-18th, 2009 in Vienna, Austria. Presentation.
196. Hunter LN, Samdani AF, Betz RR, Vogel LC, Chafetz R, Gaughan JP, Mulcahey MJ. Neuromuscular Scoliosis in Children with SCI as a Function of Age, Time since Injury, Neurological Level, Motor Level, and Injury Severity. The 44th Annual Meeting & Course of the Scoliosis Research Society (SRS) September 23-26th, 2009 in San Antonio, TX. Presentation.
197. Kelly EH, Anderson CJ, Klaas SJ, Russell HF, Daharsh E, Vogel LC. Participation and quality of life among youth with SCI. *J Spinal Cord Med* 2009; 32:462. Presentation at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
198. Chlan KM, Zebracki K, Vogel LC. Religiosity and life satisfaction on adults with pediatric onset SCI. *J Spinal Cord Med* 2009; 32:463. Presentation at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
199. Zebracki K, Vogel LC, Chlan KM. Sexuality in adults with pediatric onset SCI. *J Spinal Cord Med* 2009; 32:464. Presentation at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
200. Hunter LN, Amer F, Samdani AF, Betz RR, Vogel LC, Chafetz, Gaughan JP, Mulcahey MJ. Neuromuscular Scoliosis in Children with SCI as a Function of Age, Time since Injury, Neurological Level, Motor Level, and Injury Severity. *J Spinal Cord Med* 2009; 32:479. Moderated Poster at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
201. Klaas SJ, Gorzkowski JA, Kelly EH, Vogel LC. Gender and ethnicity issues in pediatric SCI. *J Spinal Cord Med* 2009; 32:482. Poster at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.

202. Russell H, Homko E, Dasch K, Gorzkowski JA, Kelly EH, Vogel LC. A new model: coping in pediatric SCI. *J Spinal Cord Med* 2009; 32:490. Poster at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
203. Mulcahey MJ, Haley S, Calhoun C, Vogel L, Bent L, James M, Kawada J. Comparisons of chills- and parent-reported activity performance in children and youth with SCI. *J Spinal Cord Med* 2009; 32:490. Poster at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
204. Gorzkowski JA, Klaas SJ, Kelly EH, Vogel LC. Gender and ethnicity issues in pediatric SCI Part 1. *J Spinal Cord Med* 2009; 32:491. Poster at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
205. Kelly EH, Gorzkowski JA, Garma S, Klaas SJ, Russell H, Vogel LC. Independent home access and outcomes of youth with SCI. *J Spinal Cord Med* 2009; 32:491. Poster at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
206. Mulcahey MJ, Vogel LC, Samdani A, Betz R, Gaughan J. International standards for neurological classification of SCI: Inter-rater agreement and guidelines for use with children and youth. *J Spinal Cord Med* 2009; 32:491. Moderated poster at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
207. Daharsh EZ, Garma S, Kelly EH, Vogel LC. Measuring anxiety in youth with SCI. *J Spinal Cord Med* 2009; 32:492. Poster at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
208. Garma S, Kelly EH, Daharsh EZ, Russell H, Vogel LC. Quality of life after pediatric SCI. *J Spinal Cord Med* 2009; 32:492. Poster at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
209. Haley S, Mulcahey MJ, Calhoun C, Vogel L, Bent L, James M, Kawada J. Self-reported daily functioning in children and youth with SCI. *J Spinal Cord Med* 2009; 32:492. Poster at Congress on Spinal Cord Medicine and Rehabilitation, Dallas, TX.
210. Vogel LC, Kelly EH, Anderson CJ, Klaas SJ, Russell H, Daharsh EZ, Gorzkowski J, Zebracki K. Participation and quality of life among youth with spinal cord injury. Oral presentation at 2009 Annual International Spinal Cord Society meeting, Florence, Italy.
211. Haley S, Mulcahey MJ, Calhoun C, Vogel L. Comparison of child and parent reported activity performance and participation in children and youth with spinal cord injury. Oral presentation at 2009 Annual International Spinal Cord Society meeting, Florence, Italy.
212. Mulcahey MJ, Vogel LC, Chafetz R, Samdani A, Betz R. International standards for neurological classification of spinal cord injury: utility of motor, sensory and anorectal exams with children. Oral presentation at 2009 Annual International Spinal Cord Society meeting, Florence, Italy.
213. Betz RR, Chafetz R, Vogel LC, Samdani A, Mulcahey MJ. International standards for neurological classification of spinal cord injury: utility of motor, sensory and anorectal exams with children. Poster at 2009 Annual International Spinal Cord Society meeting, Florence, Italy.
214. Vogel LC, Chlan KM, Zebracki, K. Spirituality in adults who sustained SCI as children or adolescents. Poster at 2009 Annual International Spinal Cord Society meeting, Florence, Italy.
215. Betz RR, Hunter L, Samdani A, Vogel LC, Chafetz R, Gaughan J, Mulcahey MJ. Neuromuscular scoliosis in children with SCI as a function of age, time since injury, neurological level, motor level, and injury severity. Poster at 2009 Annual International Spinal Cord Society meeting, Florence, Italy.
216. Haley S, Mulcahey MJ, Calhoun C, Vogel L. Self-reported daily functioning in children and youth with spinal cord injury. Poster at 2009 Annual International Spinal Cord Society meeting, Florence, Italy.

217. Vogel LC, Garma S, Kelly EH, Daharsh E, Russell H. Quality of life after pediatric spinal cord injury. Poster at 2009 Annual International Spinal Cord Society meeting, Florence, Italy.
218. Vogel LC, Zebracki K, Chlan, Bland M, Kelly EH. Relationship outcomes in adults with pediatric-onset spinal cord injury. Poster at 2009 Annual International Spinal Cord Society meeting, Florence, Italy.
219. Chafez R, Calhoun CL, Vogel LC, Gaughan JP, Mulcahey MJ. Predicted planned and unplanned upright mobility in children with a spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
220. Kelly EH, Gorzkowski JA, Garma S, Klaas SJ, Klaas SJ, Russell H, Vogel LC. Independent home access and outcomes of youth with spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
221. Vogel LC, Mulcahey MJ, Betz R, McDonald C, Bagley A, Sison-Williamson M. The effect of spinal cord injury on reachable workspace in children. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
222. Russell H, Kelly EH, Mulcahey MJ, Betz RR, Vogel LC. 'How am I doing?' Coping and psychological outcomes in youth with spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
223. Dasch K, Russell H, Homko E, Kelly EH, Gorzkowski JA, Mulcahey MJ, Betz R, Vogel LC. Caregiver coping in pediatric spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
224. Gorzkowski JA, Kelly EH, Klaas SJ, Vogel LC. Social and job-related participation and psychosocial outcomes of girls with spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
225. Kelly EH, Anderson CJ, Klaas SJ, Russell H, Daharsh E, Vogel LC. Participation and quality of life among youth with spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
226. Klaas SJ, Gorzkowski JA, Kelly EH, Vogel LC. Gender and ethnicity issues in pediatric spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
227. Mulcahey MJ, Haley S, Calhoun C, Vogel L, Bent L, James M, Kawada . Comparison of child- and parent-reported activity performance and participation in children and youth with spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
228. Chlan K, Zebracki K, Vogel LC, Bland M. Religiosity and life satisfaction in adults with pediatric-onset SCI. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
229. Wood A, Foley S, Vogel LC, Patt P, Klaas SJ. Eating disorder prevalence in individuals with spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
230. Patt P, Vogel L, Zebracki K. Evaluation of body mass index to trunk fat and metabolic risk factors in youth with spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.

231. Sison-Williamson M, Hunter L, Bagley A, Mulcahey MJ, Betz R, Vogel LC, McDonald CM. Objective measurement of thoracic-lumbar-sacral orthosis wearing in children with spinal cord injury in the community. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
232. Hunter L, Molitor F, Mulcahey MJ, Vogel LC, Betz R, McDonald CM. Reliability testing of the Shriners Pediatric Instrument for Neuromuscular Scoliosis (SPINS): A quality of life questionnaire for children with spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009
233. Schottler JC, Vogel LC, Sturm P. Spinal cord injuries in young children: Injury-related factors, demographics, and secondary complications of children injured at five years of age and younger. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
234. Vogel LC, DeVivo MJ, Chlan K. Life expectancy for individuals with pediatric-onset SCI. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
235. Betz R, Chafetz R, Vogel LC, Samdani A, Mulcahey MJ. Description of sensory preservation in children and adolescents with incomplete spinal cord injury. Presentation at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
236. Calhoun C, Haley SM, Riley A, Vogel L, McDonald CM, Mulcahey MJ. Development of items designed to evaluate activity performance and participation in children and adolescents with spinal cord injury. Poster at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
237. Klaas SJ, Gorzkowski JA, Kelly EH, Vogel LC. Completeness of injury and outcomes of youth with spinal cord injury. Poster at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
238. Smith BT, Chafetz R, Gaughan JP, Betz R, Vogel L, Mulcahey MJ. Using a limited number of dermatomes as a predictor of the 56-dermatome test of the International Standards for Neurological Classification of Spinal Cord Injury. Poster at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
239. Zebracki K, Vogel LC, Chlan K, Bland M. Relationship outcomes in adults with pediatric-onset SCI. Poster at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
240. Klaas SJ, Gorzkowski JA, Kelly EH, Vogel LC. Assessing patterns of participation and enjoyment in pediatric with spinal cord injury. Poster at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
241. Gorzkowski JA, Kelly EH, Abrams JR, Altiok H, Vogel LC. Psychosocial outcomes among youth with spina bifida and spinal cord injury. Poster at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
242. Garma SI, Daharsh E, Kelly EH, Vogel LC. Measuring anxiety in youth with spinal cord injury. Poster at the Howard H Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando, Florida. December 3-5, 2009.
243. Gorzkowski JA, Kelly EH, Klaas SJ, Vogel LC. Girls with SCI: Social and job-related participation and psychosocial outcomes. J Spinal Cord Med 2010; 33:178-179. Presentation at 2010 Annual meeting of the American Spinal Injury Association. Nashville, TN. May 26-28, 2010.
244. Schottler JC, Vogel LC, Sturm P. SCI in young children: Injury-related factors, demographics, and secondary complications of children injured at five years of age and

- younger. *J Spinal Cord Med* 2010; 33:179. Presentation at 2010 Annual meeting of the American Spinal Injury Association. Nashville, TN. May 26-28, 2010.
245. Russell H, Mulcahey MJ, Betz R, Kelly E, Gorzkowski J, Vogel L. Relationships between coping and psychological outcomes in youth with SCI. *J Spinal Cord Med* 2010; 33:180. Presentation at 2010 Annual meeting of the American Spinal Injury Association. Nashville, TN. May 26-28, 2010.
 246. Kelly E, Gorzkowski J, Garma S, Klaas S, Russell H, Vogel L. Caregiver perspectives and mental health among youth with SCI and their primary caregivers. *J Spinal Cord Med* 2010; 33:183. Poster at the Annual meeting of the American Spinal Injury Association. Nashville, TN. May 26-28, 2010.
 247. Zebracki K, Vogel LC, Chlan K. Pain and medical complications in adults with pediatric-onset SCI. *J Spinal Cord Med* 2010; 33:189. Poster at 2010 Annual meeting of the American Spinal Injury Association. Nashville, TN. May 26-28, 2010.
 248. Klaas SJ, Kelly E, Gorzkowski J, Vogel L. Socioeconomic status and participation patterns in pediatric SCI. *J Spinal Cord Med* 2010; 33:194-195. Poster at 2010 Annual meeting of the American Spinal Injury Association. Nashville, TN. May 26-28, 2010.
 249. Chlan K, Zebracki K, Vogel LC. Gender differences in adults with pediatric-onset spinal cord injury. Presentation at the Annual meeting of the Academy of Spinal Cord Injury Professionals. Las Vegas, September 2010.
 250. Zebracki K, Chlan KM, Vogel LC. Change in health status in adults with pediatric-onset spinal cord injury. Presentation at the Annual meeting of the Academy of Spinal Cord Injury Professionals. Las Vegas, September 2010.
 251. Schottler JC, Vogel LC, Sturm P. SCI in children injured at five years of age and younger. Presentation at the Annual meeting of the International Spinal Cord Society. New Delhi, India October 2010.
 252. Kelly E, Anderson CJ, Garma S, Russell H, Klaas S, Gorzkowski J, Vogel L. Relationships between outcomes of caregivers and youth with spinal cord injury. Poster at the Annual meeting of the International Spinal Cord Society. New Delhi, India October 2010.
 253. Zebracki, K., Vogel, L., & Chlan, K. (2010). Pain and Medical Complications in Adults with Pediatric-onset Spinal Cord Injury. Poster session at the 49th Annual Scientific Meeting of the International Spinal Cord Society, New Delhi, India.
 254. Zebracki, K., Vogel, LC., & Chlan, KM. Change in economic status in young and middle-aged adults with a pediatric-onset spinal cord injury over a ten-year period. *Dev Med Child Neurol.* 2010; 52; S71. Scientific poster presentation at the 64th Annual Meeting of the American Academy of Cerebral Palsy and Developmental Medicine, Washington D.C.
 255. Chlan KM, Zebracki K, Vogel LC. Gender differences in outcomes of adults with pediatric-onset spinal cord. *Dev Med Child Neurol.* 2010; 52; S64. Scientific poster presentation at the 64th Annual Meeting of the American Academy of Cerebral Palsy and Developmental Medicine, Washington D.C.
 256. Haley SM, Mulcahey MJ, Calhoun C, Vogel L, Bent L, James M, Kawada J, McDonald CM,. Measuring child-reported daily routines with spinal cord injury with a computer adapted test. *Dev Med Child Neurol.* 2010; 52; S50. Scientific presentation at the 64th Annual Meeting of the American Academy of Cerebral Palsy and Developmental Medicine, Washington D.C.
 257. Altiok H, Kelly EH, Zebracki K, Gorzkowski JA, Abrams JR, Vogel LC. A cross-sectional study of community participation among youth with spina bifida. *Dev Med Child Neurol.* 2010; 52; S68-69. Scientific poster presentation at the 64th Annual Meeting of the American Academy of Cerebral Palsy and Developmental Medicine, Washington D.C.

258. Yang, C., Zebracki, K., Chaviano, A, & Vogel, L. (2010, September). Life satisfaction and quality of life related to bladder function after spinal cord injury. Poster session at the North Central Section of the American Urological Association, Inc. 84th Annual Meeting, Chicago, IL.
259. Patt P, Vogel LC, Ortman P, Foley S. Prevalence of risk factors for metabolic syndrome among youth with spinal cord injury. *Top Spinal Cord Inj Rehabil.* 2011; 16 (Suppl 1):23. Presentation at 2011 Annual meeting of the American Spinal Injury Association, Washington DC.
260. Kelly E, Klaas S, Russell H, Daharsh E, Vogel L. Outcomes of traumatic and non-traumatic spinal cord injury in children. *Top Spinal Cord Inj Rehabil.* 2011; 16 (Suppl 1):24. Presentation at 2011 Annual meeting of the American Spinal Injury Association, Washington DC.
261. Klaas S, Kelly E, Vogel L. Change in socio-economic status related to psychosocial factors among youth with spinal cord injury. *Top Spinal Cord Inj Rehabil.* 2011; 16 (Suppl 1):25. Presentation at 2011 Annual meeting of the American Spinal Injury Association, Washington DC.
262. Patt P, Vogel LC, Wolfman L. Prevalence of vitamin D deficiency in youth with spinal cord injury. *Top Spinal Cord Inj Rehabil.* 2011; 16 (Suppl 1):26. Presentation at 2011 Annual meeting of the American Spinal Injury Association, Washington DC.
263. Zebracki K, Vogel LC, Chlan K. Use of attendant care in individuals with pediatric-onset tetraplegia. *Top Spinal Cord Inj Rehabil.* 2011; 16 (Suppl 1):27-28. Presentation at 2011 Annual meeting of the American Spinal Injury Association, Washington DC.
264. Mulcahey MJ, Haley S, Calhoun C, Vogel LC. Evaluation of item banks of daily routines and participation for patient reported outcomes following spinal cord injury using computer adaptive testing platforms. *Top Spinal Cord Inj Rehabil.* 2011; 16 (Suppl 1):50. Presentation at 2011 Annual meeting of the American Spinal Injury Association, Washington DC.
265. Chlan K, Vogel LC, Zebracki K, The effect of age at injury on outcomes in adults with pediatric-onset tetraplegia. *Top Spinal Cord Inj Rehabil.* 2011; 16 (Suppl 1):58. Poster at 2011 Annual meeting of the American Spinal Injury Association, Washington DC.
266. Slavens BA, Graf A, Krzak J, Vogel L, Harris GF. Upper Extremity Wheelchair Kinematics in Children with Spinal Cord Injury. 33rd Annual International Conference of the IEEE EMBS Boston, Massachusetts USA, August 30 - September 3, 2011. *Conf Proc IEEE Eng Med Biol Soc.* 2011:8158-8161.
267. Kelly, E., H., Anderson, C. J., Garma, S. I., Russell, H., Klaas, S. J., Gorzkowski, J., & Vogel, L. C. (2011). *Relationships between Outcomes of Caregivers and Youth with Spinal Cord Injury* (Poster Presentation). Presented at the 2011 Biennial Meeting of the Society for Community Research and Action, Chicago, IL.
268. Vogel LC, Zebracki K, DeVivo MJ, Chlan KM, Moss A. Cause of Death in Children and Adolescents with a Spinal Cord Injury. Presentation at the Annual meeting of the Academy of Spinal Cord Injury Professionals. Las Vegas, September 2011.
269. Lindwall J, Russell H, Mulcahey MJ, Betz R, Kelly EH, Klaas S, Vogel LC. Coping and Participation in Youth with Spinal Cord Injury. Presentation at the Annual meeting of the Academy of Spinal Cord Injury Professionals. Las Vegas, September 2011.
270. Garma SI, Kelly EH, Daharsh EZ, Vogel LC. (2011). Outcomes among Latino and Caucasian Children with Spinal Cord Injury. Presentation at the Annual meeting of the Academy of Spinal Cord Injury Professionals. Las Vegas, September 2011.
271. Kelly EH, Altiok H, Abrams JR, Heather F. Russell HF, Daharsh EZ, Vogel LC. Outcomes of Caregivers of Youth with Spinal Cord Dysfunction. (Oral Presentation). Presented at the 2011 Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV

272. Patt P, Ortman P, Foley S, Vogel LC. Prevalence of Risk Factors for Metabolic Syndrome among Youth with Spinal Cord Injury. Presentation at the Annual meeting of the Academy of Spinal Cord Injury Professionals. Las Vegas, September 2011.
273. Klaas SJ, Kelly EH, Gorzkowski JA, Vogel LC. Socio-Economic Status and Participation Patterns in Pediatric Spinal Cord Injury. Presentation at the Annual meeting of the Academy of Spinal Cord Injury Professionals. Las Vegas, September 2011.
274. Patt P, Vogel LC, Wood A, Foley S. Eating order prevalence in individuals with Spinal Cord Injury. Poster at the Annual meeting of the Academy of Spinal Cord Injury Professionals. Las Vegas, September 2011.
275. Hwang M, Zebracki K, Chlan K, Vogel LC. Substance use in young adults with pediatric-onset spinal cord injury. Poster at the Annual meeting of the Academy of Spinal Cord Injury Professionals. Las Vegas, September 2011.
276. Wolfman L, Patt P, Vogel LC, Foley S. Vitamin D deficiency and bone mineral density in youth with Spinal Cord Injury. Poster at the Annual meeting of the Academy of Spinal Cord Injury Professionals. Las Vegas, September 2011.
277. Zebracki, K., DeVivo, M., Chlan, K., Moss, A., & Vogel, L. (2011, October). Cause of death for children and adolescents with a spinal cord disorder. Poster session at the 65th Annual Meeting of the American Academy of Cerebral Palsy and Developmental Medicine, Las Vegas, NV. *Developmental Medicine and Child Neurology*, 53(Suppl 5), 74.
278. Hwang, M., Zebracki, K., Chlan, K., & Vogel, L. (2011, October). Substance use in young adults with pediatric-onset spinal cord injury. Presentation at the 88th Annual Meeting of the American Congress of Rehabilitation Medicine/ 18th Annual Meeting of the American Society of Neurorehabilitation, Atlanta, GA. *Archives of Physical Medicine and Rehabilitation*, 92(10), 1691.
279. Prasad, M., Zebracki, K., Chaviano, A., & Vogel, L. (2011, October). Adults with Pediatric-Onset Spinal Cord Injuries: Associations with Urinary Tract Infection. Poster session at the American Academy of Pediatrics National Conference and Exhibition, Boston, MA.
280. Prasad, M., Zebracki, K., Chaviano, A., & Vogel, L. (2011, October). Adults with Pediatric-Onset Spinal Cord Injury: Associations with Urinary Tract Infection. Presentation at the North Central Section of the American Urological Association, Inc. 85th Annual Meeting, Rancho Mirage, CA.
281. Abrams, J. R., Kelly, E. H., Altiok, H., Russell, H. F., Daharsh, E. Z., & Vogel, L.C. (2012). *Outcomes of Caregivers of Youth with Spinal Cord Dysfunction* (Poster Presentation). Presented at the Second World Congress on Spina Bifida Research and Care, Las Vegas, NV.
282. Kelly, E. H., Altiok, H., Abrams, J. R., Russell, H. F., Daharsh, E. Z., & Vogel, L. C. (2012). Outcomes of Caregivers of Youth with Spinal Cord Dysfunction. (Award-Eligible Oral Presentation). Presented at the 38th Annual Meeting of the American Spinal Injury Association, Denver, CO. *Top Spinal Cord Inj Rehabil*. 2012; 18 (Suppl 1):215
283. Klaas, S. J., Kelly, E. H., Anderson, C. J., & Vogel, L. C. (2012). Depression in Adolescents with Pediatric-Onset Spinal Cord Injury. (Oral Presentation). Presented at the 38th Annual Meeting of the American Spinal Injury Association, Denver, CO. *Top Spinal Cord Inj Rehabil*. 2012; 18 (Suppl 1):225
284. Garma, S. I., Kelly, E. H., Daharsh, E. Z., & Vogel, L. C. (2012). Outcomes among Latino and Caucasian Children with Spinal Cord Injury (Award-Eligible Poster Presentation). Presented at the 38th Annual Meeting of the American Spinal Injury Association, Denver, CO. *Top Spinal Cord Inj Rehabil*. 2012; 18 (Suppl 1):212
285. Russell, H., Lindwall, J., Mulcahey, M. J., Betz, R., Kelly, E. H., Klaas, S., & Vogel, L. C. (2012). Coping and Participation in Youth with Spinal Cord Injury (Poster

- Presentation). Presented at the 38th Annual Meeting of the American Spinal Injury Association, Denver, CO. *Top Spinal Cord Inj Rehabil.* 2012; 18 (Suppl 1):242
286. Russell, H. F., Smith, T. F., Kelly, E. H., Mulcahey, M. J., Betz, R. R., & Vogel, L. C. (2012). An Analysis of the Kidcope in Pediatric Spinal Cord Injury (Oral Presentation). Presented at the 38th Annual Meeting of the American Spinal Injury Association, Denver, CO. *Top Spinal Cord Inj Rehabil.* 2012; 18 (Suppl 1):25
 287. Zebracki K, Chlan KM, Vogel LC. Employment and earnings in adults with pediatric-onset spinal cord injury. (Award-Eligible Poster/Oral Presentation – First Prize). Presented at the 38th Annual Meeting of the American Spinal Injury Association, Denver, CO. *Top Spinal Cord Inj Rehabil.* 2012; 18 (Suppl 1):210.
 288. Chlan KM, Vogel LC, Zebracki K. Medical complications and aging in adults with pediatric-onset SCI. Employment and earnings in adults with pediatric-onset spinal cord injury. (Oral Presentation). Presented at the 38th Annual Meeting of the American Spinal Injury Association, Denver, CO. *Top Spinal Cord Inj Rehabil.* 2012; 18 (Suppl 1):223.
 289. Hwang M, Vogel LC, Zebracki K. Baseline blood pressure and heart rates in youth with spinal cord injury. (Oral Presentation). Presented at the 38th Annual Meeting of the American Spinal Injury Association, Denver, CO. *Top Spinal Cord Inj Rehabil.* 2012; 18 (Suppl 1):226.
 290. Mulcahey MJ, Calhoun C, Tian F, Vogel L, Haley S. Validity of newly developed computer adaptive tests of mobility, activity performance, and participation. (Oral Presentation). Presented at the 38th Annual Meeting of the American Spinal Injury Association, Denver, CO. *Top Spinal Cord Inj Rehabil.* 2012; 18 (Suppl 1):227.
 291. Pak M, Harkema S, Vogel L, Williams S, Krassioukov AV. Management of autonomic dysreflexia by emergency medical services: existing gaps in knowledge. (Award-Eligible Oral Presentation; third prize). Presented at the 38th Annual Meeting of the American Spinal Injury Association, Denver, CO. *Top Spinal Cord Inj Rehabil.* 2012; 18 (Suppl 1):214.
 292. Zebracki K, Chlan KM, Vogel LC. Adult outcomes in childhood-onset spinal cord injury. (Poster). *Pediatric Academic Societies* 2012. Boston, MA.
 293. Slavens B, Paul A, Graf A, Krzak J, Vogel L, Harris G. Upper Extremity Kinematics in Children with Spinal Cord Injury During Wheelchair Mobility. *Gait and Clinical Movement Analysis Society Conference*, Grand Rapids, MI, 2012.
 294. Chlan KM, Vogel LC, Zebracki K. Medical complications and aging in adults with pediatric-onset SCI. (poster) *PVA Summit* 2012. September 2012, Las Vegas Nevada
 295. Kelly, E. H., Russell, H., Garma, S., Klaas, S., Zebracki, K., & Vogel, L. C. (2012). Outcomes of youth with spinal cord injury of short and long duration. (Poster Presentation). Presented at the Annual Meeting of the International Spinal Cord Society, London, UK
 296. Zebracki K, Chlan K, Vogel LC. (2012). Effect of mobility on long-term outcomes of childhood-onset tetraplegic spinal cord injury. Presented at the Annual Meeting of the International Spinal Cord Society, London, UK
 297. Kelly, E. H., Russell, H., Garma, S., Klaas, S., Zebracki, K., & Vogel, L. C. (2012). Duration if injury and outcomes in pediatric spinal cord injury. (Oral Presentation). Presented at the Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV
 298. Klaas, S. J., Kelly, E. H., Anderson, C. J., & Vogel, L. C. (2012). Depression in Adolescents with Pediatric-Onset Spinal Cord Injury. (Oral Presentation). Presented at the Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV
 299. Riordan, A., Kelly, E. H., Klaas, S. J., & Vogel, L. C. (2012). Outcomes among youth with complete and incomplete spinal cord injury. (Oral Presentation). Presented at the Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV

300. Russell, H. F., Smith, T. F., Kelly, E. H., Mulcahey, M. J., Betz, R. R., & Vogel, L. C. (2012). Caregiver coping and participation in youth with spinal cord injury. (Oral Presentation). Presented at the Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, NV
301. Zebracki, K., January, A., Chlan, K., Hwang, M., Wasserman, R., & Vogel, L. (2012, November). Long-term mental health outcomes of individuals with childhood-onset spinal cord injury. Presentation at the Howard H. Steel Conference Pediatric Spinal Injuries and Dysfunction, Orlando, FL.
302. Vogel, L., Zebracki, K., Chlan, K., Hwang, M., Wasserman, R., & January, A. (2012, November). Long-term outcomes of individuals with childhood-onset spinal cord injury. Presentation at the Howard H. Steel Conference Pediatric Spinal Injuries and Dysfunction, Orlando, FL.
303. Hwang, M., Vogel, L., Zebracki, K. (2012, November). Baseline blood pressure and heart rate in youth with spinal cord injury. Presentation at the Howard H. Steel Conference Pediatric Spinal Injuries and Dysfunction, Orlando, FL.
304. Flanagan, A., Kelly, E. H., Vogel, L. C. (2012). Comparison of Psychosocial Outcomes between Youth with Early Onset Spinal Cord Injury and those with Spina Bifida (Oral Presentation). Presented at the 2012 Howard H. Steel Conference: Pediatric Spinal Cord Injuries & Dysfunction, Lake Buena Vista, FL.
305. Kelly, E. H., Altiook, H., Abrams, J. R., Russell, H. F., Daharsh, E. Z., & Vogel, L. C. (2012). Outcomes of Caregivers of Youth with Spinal Cord Dysfunction (Oral Presentation). Presented at the 2012 Howard H. Steel Conference: Pediatric Spinal Cord Injuries & Dysfunction, Lake Buena Vista, FL.
306. Slavens B, Paul A, Graf A, Krzak J, Vogel L, Harris G. Biomechanical Model of Pediatric Upper Extremity Dynamics During Wheelchair Mobility. Howard Steel Conference, Orlando, FL, 12/1/2012.
307. Slavens B, Paul A, Graf A, Krzak J, Vogel L, Harris G. Biomechanical Analysis of Wheelchair Propulsion Howard H. Steel Conference, Orlando, Florida, USA. 12/1/2012.
308. January, A., Zebracki, K., & Vogel, L. (2013, April). Correlates of mental health outcomes for individuals with childhood-onset spinal cord injury. Poster session at the National Conference in Pediatric Psychology, New Orleans, LA.
309. January, A., Kelly, E., Russell, H., & Vogel, L. (2013, April). Coping strategy use in school-aged children with spinal cord injury. Poster session at the National Conference in Pediatric Psychology, New Orleans, LA.
310. Russell, H., January, A., Kelly, E., Mulcahey, M., Betz, R., & Vogel, L. (2013, April). Coping strategy and relationships with psychosocial outcomes in adolescents with spinal cord injury. Poster session at the National Conference in Pediatric Psychology, New Orleans, LA.
311. Chlan, K., Zebracki, K., & Vogel, L. (2013, May). Sexual intimacy in adults with pediatric-onset spinal cord injury. Poster session at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):10.
312. Klaas SJ, Kelly E, Vogel LC. Job-related participation in school-aged children with spinal cord injury. Poster session at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):11.
313. Kelly EH, Flanagan A, Vogel LC. Secondary conditions among youth with spinal cord injuries. Poster session at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):12.
314. Patt P, Vogel LC, Ortman P, Foley S. Defining overweight and obesity in youth with spinal cord injury: the first step in prevention of metabolic syndrome. Platform

- presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):21.
315. January, A., Zebracki, K., Chlan, K., Hwang, M., & Vogel, L. (2013, May). Change in depression scores over time for individuals with pediatric-onset spinal cord injury. Presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):30.
 316. Hwang, M., Zebracki, K., Chlan, K., & Vogel, L. (2013, May). Longitudinal changes in medical complications in adults with pediatric-onset spinal cord injury. Presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):30.
 317. Garma SI, Kelly EH, Daharsh EZ, Vogel LC. Spinal cord injury in children ages 1-5: caregiver perspective. Platform presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):31.
 318. Riordan AL, Kelly EH, Klaas SJ, Vogel LC. Examination of outcomes of youth with spinal cord injury by neurological impairment. Platform presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):32.
 319. Flanagan A, Kelly EH, Vogel LC. Psychosocial outcomes of youth with early onset spinal cord injury and those with spina bifida. Poster presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):46.
 320. Patt P, Vogel LC, Wolfman L. A three year review of Vitamin D status and bone density during growth and development in pediatric spinal cord injury. Poster presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):55.
 321. Graf A, Vogel L, Krzak J, Slavens B, Paul A, Harris G. An assessment of wrist joint dynamics during wheelchair propulsion. Poster presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):58.
 322. Russell HF, January A, Kelly EH, Mulcahey MJ, Betz RR, Vogel LC. Coping strategy use and relationships with psychosocial outcomes in adolescents with spinal cord injury. Poster presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, Chicago, IL. *Top Spinal Cord Inj Rehabil.* 2013; (Suppl 1):59.
 323. Paul AJ, Slavens BA, Graf A, Krzak J, Vogel L, Harris GF. Glenohumeral Joint Dynamics during Wheelchair Mobility. GCMAS Conference. Cincinnati, Ohio, 2013.
 324. Chlan, K., Zebracki, K., & Vogel, L. (2013, August). Sexual intimacy in adults with pediatric-onset spinal cord injury. Poster session at the Paralyzed Veterans of America Summit 2013, Orlando, FL.
 325. Ward, A., Zebracki, K., & Vogel, L. (2013, August). Exercise, life satisfaction, and depressive symptoms among individuals with spinal cord injury. Poster session at the Paralyzed Veterans of America Summit 2013, Orlando, FL.
 326. Riordan AL, Flanagan A, Vogel LC, Kelly EH. Barriers and outcomes among youth with spinal cord injuries. (Award winning student research presentation). Presented at the Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas. *J Spinal Cord Med* 2013;36:505-506.
 327. Russell HF, January A, Kelly EH, Mulcahey MJ, Betz RR, Vogel LC. Coping strategy use with psychosocial outcomes in adolescents with spinal cord injury. Presented at the Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas. *J Spinal Cord Med* 2013;36:510-511.

328. Klaas SJ, Kelly EH, Vogel LC. Job-related participation school-aged children with spinal cord injury. Poster at the Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas. *J Spinal Cord Med* 2013;36:547.
329. Flanagan A, Vogel LC, Kelly EH. Outcomes of youth with spinal cord injury and spina bifida. Poster at the Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas. *J Spinal Cord Med* 2013;36:548.
330. Kelly EH, Flanagan A, Vogel LC. Secondary conditions among youth with spinal cord injuries. Poster at the Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas. *J Spinal Cord Med* 2013;36:549-550.
331. January A, Zebracki K, Chlan KM, Vogel LC. Violent etiology and associated outcomes in pediatric spinal cord injury. Poster at the Annual Meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas. *J Spinal Cord Med* 2013;36:551-552.
332. January AM, Kelly EH, Zebracki K, Russell HF, Vogel LC. Coping with childhood onset disability and psychosocial outcomes : a comparison of coping patterns across the lifespan. Presentation at the annual American Academy of Cerebral Palsy and Developmental Medicine, Milwaukee, WI. *Dev Med Child Neurol* 2013; 55:3 (Suppl 3).
333. Kelly EH, Flanagan A, Vogel. Secondary conditions among youth with spinal cord injuries. Presentation at the annual American Academy of Cerebral Palsy and Developmental Medicine, Milwaukee, WI. *Dev Med Child Neurol* 2013; 55:28 (Suppl 3).
334. Ward A, Zebracki K, Vogel LC. Exercise, life satisfaction and depressive symptoms among individuals with pediatric-onset spinal cord injury. Poster at the annual American Academy of Cerebral Palsy and Developmental Medicine, Milwaukee, WI. *Dev Med Child Neurol* 2013;67: 28 (Suppl 3).
335. Kelly EH, Flanagan A, Vogel LC. (2013) Secondary conditions among youth with spinal cord injury. Poster at the Annual Meeting of the International Spinal Cord Society. Istanbul, Turkey.
336. Zebracki K, Chlan KM, Vogel LC. (2013) Employment status of adults with pediatric-onset spinal cord injury. Poster at the Annual Meeting of the International Spinal Cord Society. Istanbul, Turkey.
337. Holbein, C., Zebracki, K., Chlan, K., & Vogel, L. (2014, March). Romantic relationship involvement and sexual activity in adults with pediatric-onset spinal cord injury. Poster session at Society of Pediatric Psychology Annual Meeting, Philadelphia, PA.
338. January, A., Zebracki, K., & Vogel, L. (2014, March). Sleep problems in young adults with spinal cord injury: A longitudinal study of sleep and associated risk after pediatric-onset spinal cord injury. Poster session at Society of Pediatric Psychology Annual Meeting, Philadelphia, PA.
339. Russell, H., Kelly, E. H., Morrison, M., Mulcahey, MJ, Betz, R., & Vogel, L. C. (2014). Problem solving: Relationships with psychosocial outcomes in youth with spinal cord injury. (Oral Presentation). Presented at the Annual Conference of the Society of Pediatric Psychology, Philadelphia, PA.
340. Hwang M., Zebracki K., Chlan K., Vogel L. (2014). Longitudinal employment outcomes in adults with pediatric-onset spinal cord injury. Presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, San Antonio, TX. *Top Spinal Cord Inj Rehabil.* 2014; 20 (Suppl 1):10.
341. Zebracki K., Holbein C., Chlan K., Vogel L. (2014). Dating and relationships in adults with pediatric-onset spinal cord injuries. Presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, San Antonio, TX. *Top Spinal Cord Inj Rehabil.* 2014; 20 (Suppl 1):8.
342. January A., Zebracki K., Chlan K., Vogel L. (2014). Understanding personal growth and resiliency in response to pediatric-onset spinal cord injury. Poster session at the 40th

- (Second prize for best poster) Annual Scientific Meeting of the American Spinal Injury Association, San Antonio, TX. *Top Spinal Cord Inj Rehabil.* 2014; 20 (Suppl 1):61.
343. Flanagan A, Klaas S, Vogel LC, Kelly EH. (2014). Digital media use, participation, and quality of life among youth with spinal cord injury. Presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, San Antonio, TX. *Top Spinal Cord Inj Rehabil.* 2014; 20 (Suppl 1):7.
 344. Russell, H., Kelly, E. H., Morrison, M., Mulcahey, MJ, Betz, R., & Vogel, L. C. (2014). Problem solving: Relationships with psychosocial outcomes in youth with spinal cord injury. Presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, San Antonio, TX. *Top Spinal Cord Inj Rehabil.* 2014; 20 (Suppl 1):8-9.
 345. Kelly EH, Riordan A, Klaas S, Russell H, Fogg L, Vogel LC. (2014). A longitudinal examination of anxiety and depression among youth with spinal cord injury: the importance of caregiver and community factors. Presentation at the 40th Annual Scientific Meeting of the American Spinal Injury Association, San Antonio, TX. *Top Spinal Cord Inj Rehabil.* 2014; 20 (Suppl 1):9.
 346. Kelly EH, Flannagan A, Klaas S, Vogel LC. (2014). Digital Media Use, Participation, and Quality of Life among Youth with Spinal Cord Injury. 53rd Annual Scientific Meeting of the International Spinal Cord Society, Maastricht, Netherlands. Presentation
 347. January A., Zebracki K., Chlan K., Vogel L. (2014) 53rd Annual Scientific Meeting of the International Spinal Cord Society, Maastricht, Netherlands. Poster.
 348. Mulcahey MJ, Bent L, Calhoun C, Gaughan J, Vogel L. Psychometric evaluation of Independence Measure-III Poster (Third prize for best poster) at the 40th Annual Scientific Meeting of the American Spinal Injury Association, San Antonio, TX. *Top Spinal Cord Inj Rehabil.* 2014; 20 (Suppl 1):64.
 349. Kelly, E. H., Riordan, A., Klaas, S., Russell, H., Fogg, L., & Vogel, L. C. (2014). Mental health in pediatric spinal cord injury: Contextual Influences. (Oral Presentation). Presented at the Annual Educational Conference of the Academy of Spinal Cord Injury Professionals, St. Louis, MO.
 350. Klaas, S. J., Flanagan, A., Vogel, L. C., & Kelly, E. H. (2014). Digital media use, participation, and quality of life among youth with spinal cord injury. (Oral Presentation). Presented at the Annual Educational Conference of the Academy of Spinal Cord Injury Professionals, St. Louis, MO.
 351. Riordan, A. L., Kelly, E. H., & Vogel, L. C. (2014). Counseling service use by youth with spinal cord injury. (Poster Presentation). Presented at the Annual Educational Conference of the Academy of Spinal Cord Injury Professionals, St. Louis, MO.
 352. Russell, H., Kelly, E. H., Morrison, M., Mulcahey, MJ, Betz, R., & Vogel, L. C. (2014). Problem solving: Relationships with psychosocial outcomes in youth with spinal cord injury. (Oral Presentation). Presented at the Annual Educational Conference of the Academy of Spinal Cord Injury Professionals, St. Louis, MO.
 353. Kelly, E. H., Riordan, A., Klaas, S., Russell, H.F., Fogg, L., Vogel, L. C. (2014). A longitudinal examination of anxiety and depression among youth with spinal cord injury: the importance of caregiver and community factors. Problem solving: Relationships with psychosocial outcomes in youth with spinal cord injury. Presentation at the American Academy for Cerebral Palsy and Developmental Medicine 68th Annual Meeting. *Dev Med Child Neurol* 2014; 56:49 (Suppl 5).
 354. January A.M., Zebracki K., Chlan K., Vogel L.C.. (2014). The role of bladder management and functional mobility in promoting life satisfaction over time for individuals with childhood onset disabilities. Presentation at the American Academy for Cerebral Palsy and Developmental Medicine 68th Annual Meeting. *Dev Med Child Neurol* 2014; 56:101 (Suppl 5).

355. Vogel, L.C., Patt, P.L., Lescher, S., Yamaki, K., Lowry B.D., Rimmer, J.. Obesity among adolescents with physical disabilities. Poster at the American Academy for Cerebral Palsy and Developmental Medicine 68th Annual Meeting. Dev Med Child Neurol 2014: 56:37 (Suppl 5).
356. Mulcahey MJ, Tian F, Jette A, Vogel LC. Linking pediatric and adult spinal cord injury outcome instruments. Poster at the American Academy for Cerebral Palsy and Developmental Medicine 68th Annual Meeting. Dev Med Child Neurol 2014: 56:37-38 (Suppl 5).
357. January, A., Kelly, E., Russell, H., Zebracki, K., & Vogel, L. (2015, March). Patterns of coping among caregivers of children with spinal cord injury: Associations with parent and child well-being. Poster Session at the Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
358. Mulcahey MJ, Calhoun C, Vogel LC, Kelly E. Development And Initial Validation Of The Spinal Cord Independence Measure-III --Youth (SCIM-III-Youth). 4th International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting, Montreal, Canada. May 2015
359. Mulcahey MJ, Slavin M, Ni P, Vogel L, Calhoun C, Jette A. Development And Initial Evaluation Of The Pediatric Spinal Cord Injury Measures (PEDI-SCI) Short Forms. 4th International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting, Montreal, Canada. May 2015
360. Mulcahey MJ, Slavin M, Ni P, Vogel L, Calhoun C, Jette A. Participation trajectories of youth with and without spinal cord injury, aged 4-21. 4th International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting, Montreal, Canada. May 2015.
361. Hwang, M., Zebracki, K., & Vogel, L. (2015, May). Medication profile and polypharmacy in adults with pediatric-onset spinal cord injury. Poster session at the 4th International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting, Montreal, Canada.
362. January, A., Kelly, E., Russell, H., Zebracki, K., & Vogel, L. (2015, May). Caregiver coping profiles and their association with child and parental well-being. Poster session at the 4th International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting, Montreal, Canada.
363. Zebracki, K., Murray, C., Chlan, K., Moss, A., & Vogel, L. (2015, May). Pain and psychosocial outcomes in adults with pediatric-onset spinal cord injury. Poster session at the 4th International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting, Montreal, Canada.
364. Kelly, E., Riordan, A., Thorpe, S., Zebracki, K., & Vogel, L. (2015, May). Relationships between caregiver characteristics and physical and psychosocial quality of life among youth with spinal cord injury. Poster session at the 4th International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting, Montreal, Canada.
365. Morrison, M., Kelly, E. H., Russell, H., Vogel, L. C (2015). Care-giver perspective of the rewards of parenting youth with spinal cord injuries. Poster session at the 4th International Spinal Cord Society and American Spinal Injury Association Joint Scientific Meeting, Montreal, Canada. (Award winning poster).
366. Kelly EH, Riordan AL, Thorpe S, Zebracki K, Vogel LC. (2015). Caregiver characteristics and youth outcomes in pediatric spinal cord injury. J Spinal Cord Med 2015. 38:648-9. Presentation at Academy of Spinal Cord Injury Professionals Annual Meeting, New Orleans, Louisiana.
367. Russell H, Riordan AL, Kelly EH, Vogel LC. (2015). Problem solving orientation: is the glass half-full or half-empty? J Spinal Cord Med 2105; 38:661-2. Presentation at Academy of Spinal Cord Injury Professionals Annual Meeting, New Orleans, Louisiana.

368. Vogel LC, Chlan KM, Zebracki K. (2015). Fertility in Adults with pediatric-onset spinal cord injury. Presentation at Academy of Spinal Cord Injury Professionals Annual Meeting, New Orleans, Louisiana.
369. Riordan AL, Kelly EH, Vogel LC. (2015). Exploring job-related participation among youth. *J Spinal Cord Med* 2105; 38:676-7. Poster at Academy of Spinal Cord Injury Professionals Annual Meeting, New Orleans, Louisiana.
370. January A, Zebracki K, Chlan K, Vogel L. The clinical significance of sleep quality for adults with pediatric-onset spinal cord injury. Presentation at the American Academy for Cerebral Palsy and Developmental Medicine 69th Annual Meeting. *Dev Med Child Neurol* 2015; 57:14. (Suppl 5)
371. Mulcahey M, Slavin M, Vogel L, Ni P. Participation trajectories of youth with and without spinal cord injury. Presentation at the American Academy for Cerebral Palsy and Developmental Medicine 69th Annual Meeting. *Dev Med Child Neurol* 2015; 57:15. (Suppl 5).
372. Kelly E, Riordan A, Thorpe S, Zebracki K, Vogel L. Relationships between caregiver characteristics and physical and psychosocial quality of life among youth spinal cord injury. Presentation at the American Academy for Cerebral Palsy and Developmental Medicine 69th Annual Meeting. *Dev Med Child Neurol* 2015; 57:14. (Suppl 5)
373. Calhoun Thielen CL, Sadowsky C, Kozin S, Vogel LC, Davidson L, Bultman J, Taylor H, Gaughan JP, Mulcahey MJ. Evaluation of the Walking Index for Spinal Cord Injury II (WISCI II) in children with spinal cord injury. Presentation at the 42nd Annual Scientific Meeting of the American Spinal Injury Association, Philadelphia. *Top Spinal Cord Injury Rehabil* 2016, 22:S19-20. (Suppl 1).
374. Kelly EHK, Riordan AL, Sozzer Fh, Fogg L, Zebracki K, Vogel LC. Evaluating a pilot intervention for care-givers of youth with spinal cord injury. Presentation at the 42nd Annual Scientific Meeting of the American Spinal Injury Association, Philadelphia. *Top Spinal Cord Injury Rehabil* 2016, 22:S20. (Suppl 1).
375. January AM, Zebracki K, Chlan KM, Vogel LC. Poor sleep in adults with pediatric onset spinal cord injury: associations with pain, health, and activity. Presentation at the 42nd Annual Scientific Meeting of the American Spinal Injury Association, Philadelphia. *Top Spinal Cord Injury Rehabil* 2016, 22:S21. (Suppl 1).
376. Espino Ryerson S, Kelly EHK, Akinose T, Harris GF, Ghaffari A, Richardson M, Chen D, Lee R, Vogel LC. Caregivers of adults with pediatric onset SCI: an exploration of unmet needs. Presentation at the 42nd Annual Scientific Meeting of the American Spinal Injury Association, Philadelphia. *Top Spinal Cord Injury Rehabil* 2016, 22:S28. (Suppl 1).
377. Espino Ryerson S, Kelly EHK, Riordan A, Vogel LC. Caregivers of children with SCI; unmet needs and support preferences. Presentation at the 42nd Annual Scientific Meeting of the American Spinal Injury Association, Philadelphia. *Top Spinal Cord Injury Rehabil* 2016, 22:S28-29. (Suppl 1).
378. Mulcahey MJ, Calhoun CL, Sadowsky C, Kozin S, Vogel LC, Davidson L, Bultman J, Taylor H, Gaughan JP. Performance of the SCIM III in youth with spinal cord injury. Presentation at the 42nd Annual Scientific Meeting of the American Spinal Injury Association, Philadelphia. *Top Spinal Cord Injury Rehabil* 2016, 22:S32. (Suppl 1).
379. Kurapati NT, Zebracki K, Gill EG, Vogel LC. Rural versus urban differences in healthcare utilization and long-term outcomes in adults with pediatric onset spinal cord injury. Award Winning Poster Association, Philadelphia. *Top Spinal Cord Injury Rehabil* 2016, 22:S57-58. (Suppl 1).
380. Hartley N, Zebracki K, Chlan KM, Vogel LC. Mental health utilization by adults with pediatric onset spinal cord injury. Poster at the 42nd Annual Scientific Meeting of the American Spinal Injury Association, Philadelphia. *Top Spinal Cord Injury Rehabil* 2016; S66-67. (Suppl 1).

381. Hwang M, Zebracki K, Vogel LC. Long-term outcomes and longitudinal changes of neurogenic bowel management in adults with pediatric onset spinal cord injury. Poster at the 42nd Annual Scientific Meeting of the American Spinal Injury Association, Philadelphia. *Top Spinal Cord Injury Rehabil* 2016; 22:S67-68. (Suppl 1).
382. Kelly EHK, Hassani S, Smith J, Thorpe S, Sozzer FH, Atchley P, Sullivan E, Larson D, Vogel LC. Preventing distracted driving among college students. Poster at the 42nd Annual Scientific Meeting of the American Spinal Injury Association, 2016, Philadelphia.
383. Kelly EH, Hassani S, Smith J, Thorpe S, Sozzer F, Atchey P, Sullican E, Larson D, Vogel LC. Preventing distracted driving among college students. Presentation at Pediatric Academic Society annual meeting 2016, Baltimore, MA.
384. Kelly EH, Sozzer F, Fogg L, Zebracki K, Vogel LC. Evaluating a pilot intervention for caregivers of youth with spinal cord injury. Poster at Pediatric Academic Society annual meeting 2016, Baltimore, MA.
385. Akinlose T, Espino Ryerson S, Kelly EHK, Ghaffari A, Harris G, Richardson M, Chen, D, Lee R, Vogel LC. Burden among caregivers of adults with spinal cord injury. Platform presentation at PVA Summit 2016; Orlando Florida.
386. Chlan KM, Zebracki K, Vogel LC. Parenting and Fertility in middle adulthood following pediatric-onset spinal cord injury. Poster presentation at PVA Summit 2016; Orlando Florida.
387. Mulcahey MJ, Vogel LC, Carroll A. International spinal cord injury data sets and National Institute Neurologic Disorders and Stroke Spinal Cord Injury Common Data Elements. Presentation at Academy of Spinal Cord Injury Professionals Annual Meeting 2016; Nashville, TN.
388. Ryerson Espino S, Kelly EHK, Akinlose T, Harris G, Ghaffari A, Richardson M, Chen, D, Lee R, Vogel LC. Burden among caregivers of adults with spinal cord injury. Presentation at Academy of Spinal Cord Injury Professionals Annual Meeting 2016; Nashville, TN. *J Spinal Cord Med* 2016; 39:549-550.
389. Riordan A, Kelly EHK, Sozzer FH, Fogg L, Zebracki K, Vogel LC. Pilot intervention for caregivers of youth with spinal cord injury. Presentation at Academy of Spinal Cord Injury Professionals Annual Meeting 2016; Nashville, TN. *J Spinal Cord Med* 2016; 39:5630564.
390. Russell Heather, Ryerson Espino S, Kelly EHK, Zebracki K, Vogel LC. Problem-solving in adolescents with spinal cord injury and their caregivers. Presentation at Academy of Spinal Cord Injury Professionals Annual Meeting 2016; Nashville, TN. *J Spinal Cord Med* 2016; 39:566.
391. Calhoun Thielen CL, Sadowsky C, Kozin S, Vogel LC, Davidson L, Bultman J, Taylor H, Gaughan JP, Mulcahey MJ. Evaluation of the Walking Index for Spinal Cord Injury II (WISCI II) in children with spinal cord injury. Presentation at the Academy of Spinal Cord Injury Professionals Annual Meeting 2016; Nashville, TN. *J Spinal Cord Med* 2016; 39:552.
392. Calhoun Thielen CL, Sadowsky C, Kozin S, Vogel LC, Davidson L, Bultman J, Taylor H, Gaughan JP, Mulcahey MJ. Performance of the Spinal Cord Injury Independence Measure-III in youth with spinal cord injury. Presentation at the Academy of Spinal Cord Injury Professionals Annual Meeting 2016; Nashville, TN. *J Spinal Cord Med* 2016; 39:563.
393. Ryerson Espino S, Kelly EHK, Akinlose T, Harris G, Ghaffari A, Richardson M, Chen, D, Lee R, Vogel LC. Burden among caregivers of adults with spinal cord injury. Poster at ISCoS annual meeting, Vienna, Austria. 2016.
394. Odenkirchen J, Jakeman L, Mulcahey MJ, Vogel LC, Sheikh M, Ala'i S, ,Esteerlitz J. The National Institute of Neurological Disorders and Stroke (NINDS) Spinal Cord Injury – Pediatric Common Data Elements (CDE) Recommendations. Poster at ISCoS annual meeting, Vienna, Austria. 2016.

- 395. Slesinger NC, Zebracki K, Terwilliger V, Gowins JR, Vogel LC. PTSD symptomatology in pediatric spinal cord injury and its relation to injury event. Poster at ISCoS annual meeting, Vienna, Austria. 2016.
- 396. Ryerson Espino S, Kelly EHK, Riordan A, Zebracki K, Vogel L. Personal and family experiences of caregivers of children with SCI. Poster at AACPDm annual meeting, Hollywood, FL.