

## 2006

### Manuscripts

1. Bayly PV, Black EE, Pedersen RC, Leister EP, Genin GM. In vivo imaging of rapid deformation and strain in an animal model of traumatic brain injury. *J Biomech.* 2006;39(6):1086-95.
2. Elliott T, Bush B, Chen Y. Social problem solving abilities predict pressure sore occurrence in the first three years of spinal cord injury. *Rehabil Psychol.* 2006;51(1):69-77.
3. Grabowski DC, Morrissey MA. Do Higher Gasoline Taxes Save Lives? *Economic Letters.* 2006;90(1):51-55.
4. Grant J, Elliott T, Weaver M, Glandon G, Giger J. Social problem-solving abilities, social support, and adjustment of family caregivers of stroke survivors. *Arch Phys Med Rehabil.* 2006;87(3):343-350.
5. Harrison-Felix C, Whiteneck G, DeVivo MJ, Hammond FM, Jha A. Causes of death following 1 year postinjury among individuals with traumatic brain injury. *J Head Trauma Rehabil.* 2006;21:22-33.
6. Lee KE, Franklin AN, Davis MB, Winkelstein BA. Tensile cervical facet capsule ligament mechanics: Failure and subfailure responses in the rat. *J Biomech.* 2006;39(7):1245-64.
7. Morrissey MA, Grabowski DC, Dee TS and Campbell C. The Strength of Graduated Drivers License Programs and Fatalities Among Teen Drivers and Passengers. *Accid Anal Prev.* 2006;38:135-141.
8. Schwebel DC, Brezaussek CM, Belsky J. Does time spent in child care influence risk for unintentional injury? *J Pediatr Psychol.* 2006;31:184-193.
9. Schwebel DC, Summerlin AL, Bounds ML, Morrongiello BA. The Stamp-in-Safety program: A behavioral intervention to reduce behaviors that can lead to unintentional playground injury in a preschool setting. *J Pediatr Psychol.* 2006;31:152-162.
10. Schwebel DC, Hodgens JB, Sterling S. How mothers parent their children with behavior disorders: Implications for unintentional injury risk. *J Safety Res.* 2006;37(2):167-73.
11. Schwebel DC, Severson J, Ball KK, Rizzo M. Individual difference factors in risky driving: The roles of anger/hostility, conscientiousness, and sensation-seeking. *Accid Anal Prev.* 2006;38(4):801-10.

12. Schmitt MM, Elliott T. Verbal learning abilities and adjustment to recent-onset spinal cord injury. *Rehabil Psychol.* 2006;49(4):288-294.

### Presentations

1. Bolland JM, Bolland KA. Adolescent substance abuse treatment in inner-city neighborhoods: Unresolved issues. Abstract presented at the annual meeting of the Society for Social Work and Research. San Antonio, TX. 2006.
2. Bowling EB, Patil S, Grimes G, Schwebel DC. Virtual reality as a mechanism to understand and teach pedestrian safety. Abstract accepted to the National Conference on Child Health Psychology. Gainesville, FL. April 2006.
3. Elliott TR, Rivera P, Berry J, Oswald K, Adams D, Grant J. Problem-solving abilities and caregiver adjustment. Presented at the 2<sup>nd</sup> Federal Interagency Conference on Traumatic Brain Injury. Bethesda, MD. March 2006.
4. Gaines J, Banaszek M, McDaniel M, Schwebel DC. Injury in youth soccer: The roles of skill, impulsivity, aggression, and risk-taking. Poster accepted for presentation at the National Conference on Child Health Psychology. Gainesville, FL. April 2006.
5. Guion K, McCauley M, Schwebel DC. Outcome framing and the risks of evaluating child abuse. Poster accepted for presentation at the National Conference on Child Health Psychology. Gainesville, FL. April 2006.
6. LaPlaca M, Prado G, Zhang L, Yang K. Correlation of TBI-induced strain with cell damage. Presented at the 2<sup>nd</sup> Federal Interagency Conference on Traumatic Brain Injury. Bethesda, MD. March 2006.
7. Lucas EK, Schwebel DC, Tavares CL, Bowling EB, Hodgins JB. Ecology of unintentional injuries incurred by children with ADHD during a summer camp program. Poster accepted for presentation at the National Conference on Child Health Psychology. Gainesville, FL. April 2006.
8. Menendez TE, Escobar-Chaves SL, Swahn M, Schwebel DC, Whitworth RE, Collins R, Paulk D, Berry S. Media exposure and use among fifth-grade children: Results from the Healthy Passages study. Poster submitted for presentation at the biennial meeting of the Society for Research on Adolescence. San Francisco, CA. March 2006.
9. Meythaler JM, Elliott TR, Chen Y, Novack TA. Treatment of agitation with propranolol. Presented at the 2<sup>nd</sup> Federal Interagency Conference on Traumatic Brain Injury. Bethesda, MD. March 2006.

10. Morrison B, Bass D. Spine kinematics and injury biomechanics. Presented at the 5<sup>th</sup> World Congress of Biomechanics. Munich, Germany. August 2006.
11. Morrison B, Lacour S, Conde J. ElectroBiological interfaces on soft substrates. Presented at the Material Research Society Spring 2006 Meeting. San Francisco, CA. April 2006.
12. Rhodes N, Edison A, Roskos-Ewoldsen D. The Accessibility of Drinking and Driving Attitudes and Norms. Abstract submitted to the annual meeting of the Association for Psychological Science. New York, NY. May 2006.
13. Rhodes N. Accessibility is as accessibility does. Abstract to be presented at the annual meeting of the International Communication Association. Dresden, Germany. June 2006.
14. Schwebel DC, Brezausek CM. The role of environmental context in young children's injury risk: The influence of being raised at home versus attending childcare. Poster accepted for presentation at the 8<sup>th</sup> World Conference on Injury Prevention and Safety Promotion. Durban, South Africa. April 2006.
15. Schwebel DC, Severson J, Ball KK, Rizzo M. Individual difference factors in risky driving: The roles of anger, conscientiousness, and sensation-seeking. Poster accepted for presentation at the 8<sup>th</sup> World Conference on Injury Prevention and Safety Promotion. Durban, South Africa. April 2006.
16. Schwebel DC, Severson J. Development of virtual reality to understand and teach pediatric pedestrian safety. Abstract submitted to the International Society for Child and Adolescent Injury Prevention. Durban, South Africa. April 2006.
17. Schwebel DC. Why accidents aren't always accidental: Behavioral risk factors for pediatric unintentional injury in girls and boys. Paper accepted for presentation at the Tenth Anniversary Conference of Woodrow Wilson - Johnson & Johnson Women's Health and Children's Health Fellows. Washington, DC. March 2006.
18. Underhill AT, LoBello SG, Fine PR. Survivors of TBI 11–14 Years Post-Injury. Abstract accepted to the Second Annual TBI Interagency Conference. Bethesda, MD. March 2006.
19. Underhill AT, LoBello SG, Fine PR. Survivors of TBI 11–14 Years Post-Injury. Abstract accepted to the Congress of Epidemiology 2006 Conference, Seattle, WA. June 2006.

## In Press

### Book Chapters

1. Elliott T, Dreer L. Disability. In: Ayers S, Baum A, McManus C, Newman S, Wallston K, Weinmann J, West R, eds. *Cambridge Handbook of Psychology, Health & Medicine, 2<sup>nd</sup> ed.* In press.
2. Elliott T, Parker MW. Family caregivers and health care providers: Developing partnerships for a continuum of care and support. In: Talley RC, Crews JE, eds. *Caregiving and Disabilities.* New York:Oxford University Press;in press.
3. Elliott T, Warren AM. Why psychological issues are important. In: Kennedy P, ed. *Psychological Management of Physical Disabilities: A Practitioner's Guide.* London: Brunner-Routledge Press;In press.
4. Elliott T. Education and support in context with other interventions for caregivers. In: Monahan D, ed. *Education, Training and Support Programs for Caregivers.* New York: Oxford University Press;In press.
5. Schwebel DC, Barton BK. Temperament and children's unintentional injuries. In: Vollrath M, ed. *Handbook of personality and health.* New York: Wiley. In press.
6. Schwebel DC, Barton BK. Temperament and children's unintentional injuries. In: Vollrath M, ed. *Handbook of personality and health.* New York:Wiley;In press.

### Manuscripts

1. Coats BS, Margulies SS. Material properties of porcine parietal cortex. *J Biomech.* In press.
2. Grant J, Glandon G, Elliott T, Giger J, Weaver M. Problems and associated feelings experienced by family caregivers of stroke survivors the second and third month post-discharge. *Top Stroke Rehabil.* In press.
3. Hayman DM, Blumberg TJ, Scott CC, Athanasiou KA. Articular chondrocyte isolation methods alter gene expression. *Tissue Eng.* In press.
4. Pflaum C, McCollister G, Strauss DJ, Shavelle RM, DeVivo MJ. Worklife following traumatic spinal cord injury. *J Spinal Cord Med* 2005;28: in press.
5. Rothman SM, Kreider RA, Winkelstein BA. Spinal neuropeptide responses in persistent and transient pain following cervical nerve root injury. *Spine.* In press.
6. Schwebel DC, Tzanetos DB. Premedical undergraduates in the psychology laboratory. *Teach Psychol.* In press.

7. Schwebel DC. Safety on the playground: Mechanisms through which adult supervision might prevent child playground injury. *J Clin Psychol in Med Settings*. In press.
8. Scott CC, Athanasiou KA. Acute effects of mechanical impact on articular cartilage. *Osteoarthr. Cartil.* In press.
9. Scott CC, Athanasiou KA. Gene expression, biochemical, and biomechanical changes in articular cartilage explant culture. *Connect Tissue Res*. In press.
10. Scott CC, Natoli R, Athanasiou KA. Temporal effects of mechanical impact on articular cartilage. *Arthritis Rheum*. In press.

## 2005

### Book Chapters

1. Arpan L, Rhodes N, Roskos-Ewoldsen DR. Attitude accessibility. In: Roskos-Ewoldsen D, Monahan J, eds. *Social cognition and communication*. Mahwah, NJ: Erlbaum;2005.
2. Baños J, Schmitt M, Elliott T. Factor structure of the rey auditory verbal learning test: Age trends in adults with spinal cord injury. *Rehabil Psychol*. 2005;50(4):375-380.
3. Chen Y, DeVivo MJ, Oleson CV, Jackson AB. Gender difference in the incidence of extraspinal fractures associated with acute spinal cord injury. *J Spinal Cord Med* 2005;28: in press.
4. Chen Y, DeVivo MJ. Epidemiology of extraspinal fractures in acute spinal cord injury: data from the model spinal cord injury care systems, 1973-1999. *Top Spinal Cord Inj Rehabil* 2005;11:18-29.
5. Dreer L, Jackson WT, Elliott T. Social problem solving, personality disorder, and substance abuse. In: McMurrin M, McGuire J, eds. *Social problem-solving and offending: Evidence, evaluation, and evolution*. Chichester, UK: John Wiley & Sons Ltd;2005:66-89.
6. Elliott T, Jackson WT. Cognitive-behavioral therapy in rehabilitation psychology. In: A. Freeman A, editor-in-chief. *Encyclopedia of Cognitive Behavior Therapy*. New York: Springer Science + Business Media, Inc.;2005:324-327.

7. Elliott T, Leung P. Vocational rehabilitation: history and practice. In: Walsh WB, Savickas M, eds. *Handbook of Vocational Psychology*, 3<sup>rd</sup> ed. New York: Lawrence Erlbaum Press;2005:319-343.
8. Kuhn F, Morris R, Mester V. Pediatric trauma. In: Hartnett ME, ed. *Pediatric Retina*. Philadelphia: Lippincott Williams Wilkins;2005:467-489.

### Manuscripts

1. Bayly PV, Cohen TS, Leister EP, Ajo D, Leuthardt E, Genin GM. Deformation of the human brain induced by mild acceleration. *J Neurotrauma*. 2005;22(8):845-856.
2. Bolland JM, Lian BE, Formichella CM. The origins of hopelessness among inner-city adolescents. *Am J Community Psychol*. 2005;36:293-305.
3. Chen Y, DeVivo MJ, Jackson AB. Pressure ulcer prevalence in persons with spinal cord injury: age-period-duration effects. *Arch Phys Med Rehabil*. 2005;86:1208-1213.
4. Dee TS, Grabowski DC, Morrisey MA. Graduated Driver Licensing and Teen Traffic Fatalities. *J Health Econ*. 2005;24(3):571-581.
5. Dreer L, Elliott T, Fletcher D, Swanson M. Social problem-solving abilities and psychological adjustment of persons in low vision rehabilitation. *Rehabil Psychol*. 2005;50: 232-238.
6. Dunn D, Elliott T. Revisiting a constructive classic: Wright's Physical Disability: A Psychosocial Approach. *Rehabil Psychol*. 2005;50:183-189.
7. Elliott T, Snyder CR. Sharing open secrets about the training future generations for an evolving profession. *J Clin Psychol*. 2005;61:1197-1199.
8. Franklyn M, Fildes B, Zhang L, Yang KH, Sparke L. Analysis of finite element models for head injury investigation: Reconstruction of four real-world impacts. *Stapp Car Crash Journal*. 2005;49:1-32.
9. Girkin CA, McGwin G, Morris R, Kuhn F. Glaucoma following penetrating ocular trauma: A cohort study of three United States Eye Injury Registry. *Am J Ophthalmol*. 2005;139:100-105.
10. James N, Miller C, Brown K, Weaver M. Pain disability among older adults with arthritis. *J Aging Health*. 2005;17(1) 56-69.
11. Marson DC, Dreer LE, Krzywanski S, Huthwaite JS, DeVivo MJ, Novack TA. Impairment and partial recovery of medical decision making capacity in traumatic

brain injury: a six month longitudinal study. *Arch Phys Med Rehabil.* 2005;86:312-317.

12. McCallum DM, Conaway MB, Drury S, Braune J, Reynolds SJ. Safety-related knowledge and behavior changes in participants of farm safety day camps. *J Agric Saf Health.* 2005;11:35-50.
13. Morrisey MA, Grabowski DC. State Motor Vehicle Laws and Older Drivers. *J Health Econ.* 2005;14(4):407-419.
14. Rhodes N, Brown D, Edison A. Multiple Approaches to Understanding Young Driver Crash Risk. *J Safety Res.* 2005;36:497-499.
15. Schwebel DC, Barton BK. Contributions of multiple risk factors to child injury. *J Pediatr Psychol.* 2005;30:553-561.
16. Schwebel DC, Brezausek CM, Ramey CT, Ramey SL. Injury risk among children of low-income U.S.-born and immigrant parents. *Health Psychol.* 2005; 24: 501-507.
17. Schwebel DC, Tzanetos DB. Premedical psychology majors in the laboratory. *Teach Psychol.* 2005;32:118-120.
18. Snyder CR, Elliott T. 21<sup>st</sup> century graduate education in clinical psychology: A four level matrix model. *J Clin Psychol.* 2005;61:1033-1054.
19. Waites KB, Canupp KC, DeVivo MJ. Microbiology of the urethra and perineum and its relationship to bacteriuria in community-residing men with spinal cord injury. *J Spinal Cord Med* 2005;27:448-452.

### Presentations

1. Athanasiou K. Effects of impact loading on articular cartilage. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
2. Barton BK, Osborn ZH, Muraya M, Schwebel DC. Relations between parental supervision and children's risky pedestrian behaviors. Poster accepted for presentation at the biennial meeting of the Society for Research in Child Development, Atlanta, GA. April 2005.
3. Barton BK, Osborn ZH, Muraya M, Schwebel DC. Relations between parental supervision and children's risky pedestrian behaviors. Poster presented at the biennial meeting of the Society for Research in Child Development. Atlanta, GA. April 2005.

4. Barton BK, Schwebel DC, Morrongiello BA. Increasing children's safe pedestrian behaviours through simple skills training. To be presented at the 2005 Canadian Injury Prevention and Safety Promotion Conference. Halifax, NS, Canada. November 2005.
5. Bayly P. Biomechanics of brain injury: Experimental studies. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
6. Bayly PV, Black EE, Song SK. Diffusion tensor imaging shows decreased diffusivities in the developing brain after mild trauma. Presented at the International Society of Magnetic Resonance Medicine. Miami, 2005.
7. Bayly PV, Cohen TS, Leister EP, Ajo D, Leuthardt E, Genin GM. Measurement of acceleration-induced deformation of the human brain by MRI tagging. Presented at the International Society of Magnetic Resonance Medicine. Miami, FL. 2005.
8. Biering-Sorensen F, Charlifue S, DeVivo MJ, Noonan V, Post M, Stripling T, Wing P. International SCI Data Set. Presented at the 31<sup>th</sup> Annual Meeting of the American Spinal Injury Association. Dallas, Texas. May 2005.
9. Bolland JM, Bryant CM. Neighborhood context and parenting in high-poverty households. Abstract presented at the annual meeting of the National Council on Family Relations. Phoenix, AZ. 2005.
10. Brown D, Rhodes N. Youth DUI and Risk Taking Analysis: An Information Mining Example. Proceedings of the 31st International Forum on Traffic Records and Highway Information Systems. Sponsored by the National Safety Council. Buffalo, NY. August 2005.
11. Brown D, Rhodes N. Youth DUI and Risk Taking Analysis: An Information Mining Example. Presented at the 31<sup>st</sup> International Forum on Traffic Records and Highway Information Systems, National Safety Council. Buffalo, NY. August 2005.
12. Brown D. Applications of CARE to the Georgia Crash Database. Presented at the Georgia Institute of Traffic Engineers. Saint Simon's Island, GA. July 2005
13. Brown D. Optimization of Traffic Safety Resource Allocation. Presented at the Alabama Traffic Safety Summit, sponsored by Federal Highway Administration and the Alabama Department of Economic and Community Affairs. November 2005.
14. Brown D. The Status of the Alabama Uniform Traffic Crash Report. Presented at Auburn University's Annual Transportation Conference. Auburn, AL. February 2005.

15. Chen Y, DeVivo MJ, Oleson CV, Jackson AB. Gender difference in the incidence of extraspinal fractures associated with acute spinal cord injury. Presented at the 31<sup>th</sup> Annual Meeting of the American Spinal Injury Association. Dallas, Texas. May 2005.
16. Coats B, Margulies SS. High rate material properties of infant cranial bone and suture. Presented at the 23<sup>rd</sup> Annual National Neurotrauma Society Symposium. Washington DC. November 2005.
17. Cohen TS, Bayly PV, Leister EP, Ajo D, Leuthardt E, Genin GM. Measurement of acceleration-induced deformation of the human brain from tagged MR images. Presented at the National Neurotrauma Society Meeting. Washington, DC. 2005.
18. Crandall J, Darvish K. Impact acceleration tests and material properties of rat brain. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
19. DeVivo MJ, Biering-Sorensen F, Charlifue S, Noonan V, Post M, Stripling T, Wing P. International SCI Core Data Set. Presented at the 31<sup>th</sup> Annual Meeting of the American Spinal Injury Association. Dallas, Texas. May 2005.
20. Duma S, Kennedy E. The effects of orbital muscles on eye injury biomechanics. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
21. Eleftheriou E, Peduzzi-Nelson J. Small animal model of diffuse axonal injury. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
22. Elkin BS, Azeloglu EU, Costa KD, Morrison B. Local mechanical properties of the rat hippocampus measured by AFM indentation. Presented at the Biomedical Engineering Society conference, Baltimore, MD. 2005.
23. Elliott T, Shewchuk R, Rivera P. Evaluating a problem-solving intervention for family caregivers of persons with spinal cord injury. Presented at the mid-winter conference of the Division of Rehabilitation Psychology/APA and the American Board of Rehabilitation Psychology. Baltimore, MD. April 2005.
24. Elliott T, Shewchuk R. Project FOCUS: A problem-solving intervention for family caregivers of persons with spinal cord injury. Presented at the 2005 National Injury Prevention and Control Conference Injury and Violence in America: Meeting Challenges, Sharing Solutions. May 2005.
25. Elliott T. Working with family caregivers of persons with severe physical disabilities: A problem-solving approach. Presented at the Alabama Psychological Association Conference. Fort Walton Beach, FL. May 2005.

26. Hollis M. Determination of cervical spine substructure mechanical properties. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
27. Hubbard R, Winkelstein B. Timing of rhizotomy after painful dorsal root compression affects behavioral hypersensitivity and spinal responses. Presented at the National Neurotrauma Society 23<sup>rd</sup> Annual Meeting. Washington, DC. November 2005.
28. Ji S, Margulies SS. Gradient-based method for soft-tissue geometric reconstruction in magnetic resonance (MR) images. Presented at the Biomedical Engineering Society Meeting, Baltimore, MD. September 2005.
29. Kennedy EA, Bonivitch AR, Herring IP, McNally C, Manoogian SJ, Stitzel JD, Duma SM. Effects of the extra ocular muscles on the response of the human eye under static and dynamic loading conditions. Presented at the 33<sup>rd</sup> International Workshop on Human Subjects for Biomechanical Research. 2005
30. Kessens CC, MacDonald CL, Brody DL, Bayly PV. Effect of velocity on depth error in controlled cortical impact studies. Presented at the National Neurotrauma Society Meeting. Washington, DC. 2005
31. King A, Yang K. Evaluating and enhancing the predictive capabilities of SIMon. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
32. Konigsberg E. Feasibility study for a miniature 9-axis accelerometer array. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
33. Kruidhof J, Pandy M. Computational modeling of the cervical spine musculature. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
34. Kuhn F. Management of eyes with corneal trauma. 13th Annual Meeting, Mediterranean Society of Ophthalmology. Antalya, Turkey. October 2005.
35. LaPlaca M. Brain cell and tissue tolerance to traumatic loading. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
36. Lee K, Tan A, Quinn K, Commons K, Winkelstein B. Spinal expression of substance P and its receptor in cervical facet joint-mediated injury: Preliminary findings in a model of persistent neck pain. National Neurotrauma Society 23<sup>rd</sup> Annual Meeting. Washington, DC. November 2005.

37. Lee KE, Franklin AN, Winkelstein BA. Subfailure injuries of the neck: Implications for whiplash and pain. Presented at the International Whiplash Trauma Congress. Breckenridge, CO. February 2005.
38. Loyd AM, Frush D, Myers BS, Nightingale RW. Non-invasive method for finding head center of gravity and inertial properties. Presented at the 33<sup>rd</sup> International Workshop on Injury Biomechanics Research. Washington, DC. November 2005.
39. Mac Donald CL, Brody DL, Kim JH, Song SK, Bayly PV. Diffusion tensor imaging, an evaluation of traumatic brain injury in a mouse model. Presented at the National Neurotrauma Society Meeting. Washington, DC. 2005.
40. Margulies S. Data archive of non-human primate brain injury studies. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
41. McCallum DM, Reynolds SJ, Conaway MB, Braune J. One-year retention of increases in knowledge and safe behavior by participants in farm safety day camps. Abstract accepted to the 2005 CDC Injury Prevention Conference. Denver, CO. May 2005.
42. McCallum DM, Tang MK, McCallum JR. Risk and resilience among low-income inner-city adolescents – Factors affecting unintentional injury. Presented at the Alabama-Mississippi Sociological Association annual meeting. Tuscaloosa, AL. 2005.
43. Meaney D, Margulies S. Measuring brain tissue injury thresholds. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
44. Morrison B, Wagner S. Latest advances on the development of a stretchable microelectrode array. Presented at the annual meeting of the National Neurotrauma Society. Washington, DC. November 2005.
45. Morrison B. Are sub-regions of the hippocampus more vulnerable to post-traumatic cell death? Insights from atomic force microscopy and an intro model. Presented to Virginia Tech – Wake Forest Center for Injury Biomechanics and Virginia Polytechnic Institute and State University. Virginia. November 2005.
46. Morrison B. Brain constitutive properties measured with atomic force microscopy: Implications for head injury. Invited presentation to the Department of Biomedical Engineering, Georgia Institute of Technology. Atlanta, GA. October 2005.
47. Morrison B. Heterogeneous constitutive properties of the hippocampus measured by atomic force microscopy may explain trauma-induced, regional patterns of cell

death. Presented to the Departments of Mechanical and Aerospace Engineering and Biomedical Engineering and the Center for Applied Biomechanics, University of Virginia. December 2005.

48. Morrison B. Hippocampal mechanical properties determined with the atomic force microscope: Implications for head injury. Presented to the Department of Biomedical Engineering, Wayne State University. Detroit, MI. December 2005.
49. Morrison B. In vitro approaches can increase our understanding of head injury biomechanics using atomic force microscopy and an organotypic slice culture model of traumatic brain injury. Presented to the Department of Biomedical Engineering, City College. New York, NY. November 2005.
50. Morrison B. Quantitative tolerance criteria for SIMon: Cell death and dysfunction. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
51. Morrongiello BA, Schwebel DC, Summerlin AL, Bounds ML. A behavioural intervention to increase teacher supervision and reduce child behaviours that can lead to unintentional playground injury in a preschool setting. Presented at the 2005 Canadian Injury Prevention and Safety Promotion Conference. Halifax, NS, Canada. November 2005.
52. Myers B, Nightingale R. Pediatric head and neck impact injury. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.
53. Ning X, Zhu Q, Margulies SS. Finite shear properties of brainstem - A transversely isotropic, viscoelastic, hyperelastic model. Presented at the Biomedical Society Meeting. Baltimore, MD. September 2005.
54. Osborn ZH, Schwebel DC, Blanton PD. Personality and injury risk among professional hockey players. Poster accepted for presentation at the annual meeting of the American Psychological Association, Washington, DC. August 2005.
55. Osborn ZH, Schwebel DC, Blanton PD. Personality and injury risk among professional hockey players. Presented at the annual meeting of the American Psychological Association. Washington, DC. August 2005.
56. Payton L, Carnahan B (deceased). Evolutionary design of finite element meshes for injury biomechanics research. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.

57. Pflaum C, McCollister G, Strauss DJ, Shavelle RM, DeVivo MJ. Worklife following traumatic spinal cord injury. Presented at the 31<sup>th</sup> Annual Meeting of the American Spinal Injury Association. Dallas, Texas. May 2005.
58. Prado GR, Zhang L, King AI, Yang KH, LaPlaca MC. Acute increases in neuronal membrane permeability in the rat brain following mechanical trauma positively correlate with strain. Presented at the American Society of Mechanical Engineers Summer Bioengineering Conference. Vail, CO. 2005
59. Quinn KP, Winkelstein BA. Defining quasilinear viscoelastic parameters for the rat cervical facet capsular ligament in tension. Presented at the Biomedical Engineering Society 2005 Annual Fall Meeting. Baltimore, MD. September 2005.
60. Rhodes N, Brown D, Edison AS. Multiple Approaches to Understanding Young Driver Crash Risk. Presented at the 2005 National Injury Prevention and Control Conference Injury and Violence in America: Meeting Challenges, Sharing Solutions. May 2005.
61. Rhodes N. Psychosocial determinants of substance use. Paper presented at the annual meeting of the Alabama-Mississippi Sociological Association. Tuscaloosa, AL. February 2005.
62. Rivera P, Elliott T, Shewchuk R. Project FOCUS: Results of a longitudinal study of spinal cord injury problem solving training. Presented at the annual conference of the American Association of Spinal Cord Injury Psychologists and Social Workers. Las Vegas, NV. September 2005.
63. Rivera P, Elliott T. Family caregivers of women with disabilities: Problem solving and adjustment. Poster presented at the annual convention of the American Psychological Association. Washington, DC. August 2005.
64. Rothman S, Winkelstein B. Cervical nerve root injury differentially upregulates spinal TNF at early time points for persistent and resolving pain in a rat model. Presented at the National Neurotrauma Society 23<sup>rd</sup> Annual Meeting. Washington, DC. November 2005.
65. Rothman SM, Kreider RA, Winkelstein BA. Cervical Nerve Root Axotomy & Radiculopathy Produce Different Pain Symptoms & Spinal Neuropeptide Patterns Suggesting Separate Mechanisms of Acute & Chronic Pain. Presented at the Orthopaedic Research Society 51<sup>st</sup> Annual Meeting. Washington DC. February 2005.
66. Salisbury D, Novack TA, Baños J, & Kogos S. Serial assessment of cognitive functioning after traumatic brain injury. Presented at the International Neuropsychological Society Convention. February, 2005.

67. Salisbury D, Novack TA, Baños J, & Kogos S. Serial assessment of cognitive functioning after traumatic brain injury. Presented at the International Neuropsychological Society Convention. February, 2005.
68. Salisbury D, Novack TA, Brunner R, & Kogos S. A comparison of medical, demographic and acute status variables in the prediction of survival and outcome following traumatic brain injury. Presented at the International Neuropsychological Society Convention. February, 2005.
69. Schwebel DC, Barton BK. Age, gender, and temperament as risk factors for pediatric pedestrian injury. Presented at the 2005 National Injury Prevention and Control Conference Injury and Violence in America: Meeting Challenges, Sharing Solutions. Denver, CO. May 2005.
70. Schwebel DC, Barton BK. Parental supervision and child pedestrian traffic gap selection. Presented at the 2005 National Injury Prevention and Control Conference Injury and Violence in America: Meeting Challenges, Sharing Solutions. Denver, CO. May 2005.
71. Schwebel DC, Summerlin AL, Bounds ML, Morrongiello BA. Stamp-in-Safety: A behavioral intervention to reduce unintentional child playground injury. Poster accepted for presentation at the annual meeting of the American Psychological Association. Washington, DC. August 2005.
72. Schwebel DC. Parenting and children's health: Pediatric injury as an example. Presented at the Oxford Roundtable. Oxford, UK. July 2005.
73. Swanson M, Dreer LE, Elliott TR, Berry J, Fletcher DC, McNeal JC. Cognitive appraisals, distress and disability among persons in low vision rehabilitation. To be presented at the 39th Annual Convention for the Association for the Advancement of Behavioral and Cognitive Therapies. Washington, DC. November 2005.
74. Tavares C, Barton BK, Schwebel DC. A behavioral battery to assess inhibitory control in middle childhood. Presented at the Society for Research in Child Development biennial meeting. Atlanta, GA. April 2005.
75. Underhill AT, LoBello SG, Fine PR. Risk factors associated with violent injuries. Presented at the 2005 National Injury Prevention and Control Conference Injury and Violence in America: Meeting Challenges, Sharing Solutions. Denver, CO. May 2005.
76. Winkelstein B. Injury mechanisms of facet-mediated whiplash neck pain. Presented at the 2005 Southern Consortium for Injury Biomechanics Conference. Birmingham, AL. July 2005.

77. Zhang L, Gurao M, Yang KH, King AI. Material characterization of low density polyurethane foam used for traumatic brain injury modeling. Presented at the American Society of Mechanical Engineers Summer Bioengineering Conference. Vail, CO. 2005
78. Zhang L, Mao H, Yang KH, King AI, Cavanaugh JM. Finite element analysis of traumatic axonal injury on rat. Presented at the Biomedical Engineering Society Annual Fall Conference. Baltimore, MD. September 2005.

### Other

1. Barton BK. Theoretical and Applied Implications of Context for Children's Unintentional Injuries. Doctoral dissertation, University of Alabama at Birmingham. [to be defended in February 2005]
2. Narayanaswamy JK. Selection of a suitable numerical model to represent brain tissue. MS Thesis, Wayne State University. 2005.

## 2004

### Book Chapters

1. Elliott T, Rivera P, Tucker E. Groups in behavioral health and medical settings. In: DeLucia-Waack JL, Gerrity D, Kalodner C, Riva M, eds. *Handbook of Group Counseling and Psychotherapy*. New York: Sage;2004:338 -350.
2. Elliott T, Grant J, Miller D. Social problem solving abilities and behavioral health. In: Chang E, D'Zurilla TJ, Sanna LJ, eds. *Social problem solving: Theory, research, and training*. Washington, D.C.: American Psychological Association; 2004:117-133.
3. Elliott T, Shewchuk R. Family adaptation in illness, disease, and disability: Implications for research, policy, and practice. In: Raczynski J, Bradley L, Leviton L, eds. *Health and Behavior Handbook, Vol. II* Washington, D. C.: American Psychological Association Press;2004:379-403.

### Manuscripts

1. Allman RM, Sawyer-Baker P, Maisiak RM, Sims RV, Roseman JM. Racial similarities and differences in predictors of mobility change over eighteen months. *J Gen Intern Med*. 2004;19:1118-26.
2. Anderson CJ, DeVivo MJ. Mortality in pediatric spinal cord injury. *J Spinal Cord Med* 2004;27(Suppl 1):S113-S114.

3. Canupp KC, Waites KB, Nahm MH, Chen Y, DeVivo MJ. Revaccination with pneumococcal vaccine in adults with spinal cord injury. *J Spinal Cord Med* 2004;27:415.
4. Chen Y, DeVivo MJ, Jackson AB. Longitudinal study of pressure ulcers following spinal cord injury, 1986-2002. *J Spinal Cord Med* 2004;27:160-161.
5. Claytor B, Maclennan PA, McGwin G, Rue L, Kirkpatrick JS. Cervical spine injury and restraint system use in motor vehicle collisions. *Spine*. 2004;29:386-389.
6. DeVivo MJ, Jackson AB, Dijkers M, Poczatek R. Etiology of spinal cord injury: trends over three decades. *J Spinal Cord Med* 2004;27:390-391.
7. DeVivo MJ, Underhill AT, Fine PR. Accuracy of world wide web death searches for persons with traumatic brain injury. *Brain Inj*. 2004;18:1155-1162.
8. DeVivo MJ, Vogel LC. Epidemiology of spinal cord injury in children and adolescents. *J Spinal Cord Med* 2004;27(Suppl 1):S4-S10.
9. DeVivo MJ. Aging with a neurodisability: morbidity and life expectancy issues. *NeuroRehabil* 2004;19:1-2.
10. Dreer L, Elliott T, Tucker E. Social problem solving abilities and health behaviors of persons with recent-onset spinal cord injuries. *J Clin Psychol Med Settings*. 2004;11: 7 – 13.
11. Elliott T, Kennedy P. Treatment of depression following spinal cord injury: an evidence-based review. *Rehabil Psychol*. 2004; 49: 134-139.
12. Grabowski DC, Campbell CM, Morrissey MA. Elderly licensure laws and motor vehicle fatalities. *J Am Med Assoc*. 2004;291(23):2840-2846.
13. Grabowski DC, Morrissey MA. Gasoline prices and motor vehicle fatalities. *J Policy Anal Manage*. 2004;23(3):575-593.
14. Harrison-Felix C, Whiteneck G, DeVivo MJ, Hammond FM, Jha A. Mortality following rehabilitation in the traumatic brain injury model systems of care. *NeuroRehabil* 2004;19:45-54.
15. Jackson AB, Dijkers M, DeVivo MJ, Poczatek RB. A demographic profile of new traumatic spinal cord injuries: change and stability over 30 years. *Arch Phys Med Rehabil* 2004;85:1740-1748.
16. Jackson AB, Dijkers M, Poczatek R, DeVivo MJ. SCI in the last 30 years: a demographic profile of new injuries. *J Spinal Cord Med* 2004;27:153.

17. Kirkpatrick JS, Sheils T, Theiss S. Type III dens fracture with distraction. An unstable injury. *J Bone Joint Surg.* 2004; 86A(11):2514-2518.
18. Kogos SC Jr, DeVivo MJ, Richards JS. Recent trends in spinal cord injury rehabilitation practices and outcomes. *Top Spinal Cord Inj Rehabil* 2004;10(2):49-57.
19. Krause JS, DeVivo MJ, Jackson AB. Health status, community integration and economic risk factors for mortality after spinal cord injury. *Arch Phys Med Rehabil* 2004;85:1764-1773.
20. Krause JS, DeVivo MJ, Jackson AB. Risk factors for mortality after spinal cord injury. *J Spinal Cord Med* 2004;27:151.
21. Kuhn F, Kiss Gy, Mester V, Szijarto Zs, Kovacs B. Vitrectomy with internal limiting membrane removal for clinically significant macular edema. *Graefes Arch Clin Exp Ophthalmol.* 2004;242:402-408.
22. Kuhn F, Mester V, Morris R, Dalma J. Serious eye injuries caused by bottles containing carbonated drinks. *Br J Ophthalmol.* 2004;88:69-67.
23. Kuhn F, Mester V, Morris R. A proactive treatment approach for eyes with perforating injury. *Klinische Monatsblätter für Augenheilkunde.* 2004; 221: 622-628.
24. Kuhn F, Morris R, Witherspoon CD, Mester V. The Birmingham Eye Traumatology system (BETT). *Journal Francoise d'Ophtalmology.* 2004;27:206-210.
25. Kuhn F, Zlatko S. Damage control surgery in ocular traumatology. *Injury.* 2004;35:690-696.
26. Kurylo M, Elliott T, DeVivo L, Dreer L. Caregiver social problem-solving abilities and family member adjustment following congestive heart failure. *J Clin Psychol Med Settings.* 2004;11: 151 – 157.
27. LoBello SG, Underhill AT, Fine PR. The reliability and validity of the Life Satisfaction Index-A with survivors of traumatic brain injury. *Brain Inj* 2004;18:1127-1134.
28. Mulcahey MJ, Anderson CJ, Vogel LC, DeVivo MJ, Betz RR, McDonald C. Pediatric spinal cord injury: evidence-based practice and outcomes. *Top Spinal Cord Inj Rehabil* 2004;10(2):69-78.
29. Putzke JD, Barrett JJ, Richards JS, Underhill AT, LoBello SG. Life satisfaction following spinal cord injury: Long-term follow-up. *J Spinal Cord Med.*

2004;27:106-110.

30. Salisbury D, Novack T, Baños J, Millis S, Hart T, Bell K, Hanks R, Malec J, Sherer M, Rosenthal M. The relationship of acute neuropsychological function and level of caregiver supervision at one year post traumatic brain injury. *Clin Neuropsychol*. 2004; 18; 482.
31. Scholl BS, Kirkpatrick JS. Posterolateral Lumbar Fusion. In: Frymoyer J, Wiesel SW, eds. *The Adult and Pediatric Spine*. Philadelphia: Lippincott Williams & Wilkins; 2004.
32. Schwebel DC. Helping troubled children: A workbook for counselors. [Review of the book *Real life heroes: A life storybook for children*. *PsycCritiques*. 2004;49.
33. Schwebel DC. Temperamental risk factors for children's unintentional injury: The role of impulsivity and inhibitory control. *Pers Individ Dif*. 2004; 37: 567-578.
34. Schwebel DC. The role of impulsivity in children's estimation of physical ability: Implications for children's unintentional injury risk. *Am J Orthopsychiatry*. 2004;74:584-588.
35. Shewchuk RM, Rivera PA, Elliott TR, Adams AM. Using cognitive mapping to understand problems experiences by family caregivers of persons with severe physical disabilities. *J Clin Psychol Med Settings*. 2004;11(3):141-50.
36. Sims RV, Weaver B, Caldwell J, et al. University of Alabama School of Medicine. In: The AAMC-Hartford Geriatrics Curriculum Program: Reports from 40 Schools. *Acad Med* (supplement) 79(7): S1-S2, 2004.
37. Strauss D, Shavelle RM, DeVivo MJ, Harrison-Felix C, Whiteneck GG. Life expectancy after traumatic brain injury (letter). *NeuroRehabil* 2004;19:257-258.
38. Underhill AT, LoBello SG, Fine PR. The reliability and validity of the Family Satisfaction Scale with survivors of traumatic brain injury. *J Rehabil Res Dev*. 2004;41:603-610.
39. Vogel LC, Betz RR, DeVivo MJ, McDonald CM. Spinal cord injuries in infants and young children. *J Spinal Cord Med* 2004;27:393-394.
40. Waites KB, Canupp KC, Armstrong S, DeVivo MJ. Effect of cranberry extract on bacteriuria and pyuria in persons with neurogenic bladder secondary to spinal cord injury. *J Spinal Cord Med* 2004;27:35-40.

### Presentations

1. Barton BK, Hendrixson ME, Peppers E, Schwebel DC. The influence of practice

and training on children's pedestrian safety. Presented at the Society for Pediatric Psychology National Conference on Child Health Psychology. Charleston, SC. April 2004.

2. Barton BK, Hendrixson ME, Peppers E, Schwebel DC. Inhibitory control and children's pedestrian injury risk. Poster presented at the Society for Pediatric Psychology National Conference on Child Health Psychology. Charleston, SC. April 2004.
3. Barton BK, Tavares C, Duncan J, Schwebel DC. Inhibitory control and children's risky pedestrian behaviors. Poster presented at the biennial Kansas Conference in Clinical Child and Adolescent Psychology. Lawrence, KS. October 2004.
4. Biering-Sorensen F, Charlifue S, DeVivo MJ, Noonan V, Post M, Stripling T, Wing P. International SCI data set. Presented at the Sociedad Espanola de Paraplejia. Toledo, Spain. October 2004.
5. Biering-Sorensen F, Charlifue S, DeVivo MJ, Noonan V, Post M, Stripling T, Wing P. International SCI data set. Presented at the Annual Meeting of the Baltic Spinal Cord Society. Riga, Latvia. October 2004.
6. Bounds ML, Schwebel DC. The role of parents and temperament on children's estimation of physical ability: Links to unintentional injury prevention. Presented at the annual meeting of Chi Sigma Iota. Birmingham, AL. April 2004.
7. Brown D, Parrish A. Organizational Aspects of Attaining Best Practices. Proceedings of the 30th International Forum on Traffic Records and Highway Information Systems. National Safety Council, Nashville. July 2004.
8. Brown D. Using CARE to mine information from crash and roadway records. Auburn University Annual Transportation Conference. Auburn, AL. February 2004.
9. Chen Y, DeVivo MJ, Jackson AB. Longitudinal study of pressure ulcers following spinal cord injury, 1986-2002. Presented at the 30<sup>th</sup> Annual Meeting of the American Spinal Injury Association. Denver, Colorado. May 2004.
10. Claytor B, MacLennan PA, McGwin G, Rue LW, Kirkpatrick JS. Cervical Spine Injury and Restraint System Use in Motor Vehicle Collisions. American Academy of Orthopaedic Surgeons, 71<sup>st</sup> Annual Meeting. 2004.

11. DeVivo MJ, Go BK, Jackson AB. Birmingham, Alabama. National Spinal Cord Injury Statistical Center, 2004: Annual Report for the Model Spinal Cord Injury Care Systems.
12. DeVivo MJ, Jackson AB, Dijkers M, Poczatek R. Etiology of spinal cord injury: trends over three decades. Presented at the 50<sup>th</sup> Annual Conference of the American Paraplegia Society. Las Vegas, Nevada. September 2004.
13. DeVivo MJ, Krause JS, Jackson AB. Health status, community integration and economic risk factors for mortality after spinal cord injury. Presented at the 43<sup>rd</sup> Annual Scientific Meeting of the International Spinal Cord Society. Athens, Greece. September 2004.
14. DeVivo MJ. Epidemiology of pediatric spinal cord injury. Presented at the Contemporary Topics in Pediatric Spinal Cord Injury Conference. Philadelphia, Pennsylvania. October 2004.
15. DeVivo MJ. Life expectancy and costs of care for persons with spinal cord injury. Presented to the Motor Accident Commission of South Australia. Adelaide, Australia. November 2004. (Invited Presentation).
16. DeVivo MJ. Lifetime costs of caring for children with spinal cord injury. Presented at the Contemporary Topics in Pediatric Spinal Cord Injury Conference. Philadelphia, Pennsylvania. October 2004.
17. DeVivo MJ. Longitudinal outcomes of pediatric spinal cord injury. Presented at the Contemporary Topics in Pediatric Spinal Cord Injury Conference. Philadelphia, Pennsylvania. October 2004.
18. DeVivo MJ. Moderator for methodological “show and tell” session. Session presented at the Spinal Cord Injury Register Workshop. Adelaide, Australia. November 2004.
19. DeVivo MJ. Moderator of session 10 on outcomes of spinal cord injury. Presented at the 30<sup>th</sup> Annual Meeting of the American Spinal Injury Association. Denver, Colorado. May 2004.
20. DeVivo MJ. Morbidity and mortality of children with spinal cord injury. Presented at the Contemporary Topics in Pediatric Spinal Cord Injury Conference. Philadelphia, Pennsylvania. October 2004.
21. DeVivo MJ. Rehabilitation adds life to years – experiences of the US model systems. Presented at the 2004 Annual Scientific Meeting of the Australian and New Zealand Spinal Cord Society. Adelaide, Australia. November 2004. (Invited Keynote Presentation).

22. DeVivo MJ. Spinal cord injury registries and databases in the United States. Presented at the Spinal Cord Injury Register Workshop. Adelaide, Australia. November 2004. (Invited Keynote Presentation).
23. DeVivo MJ. Three decades of experiences and treatment outcomes of the US spinal cord injury model systems. Presented at the Royal Adelaide Hospital Grand Rounds. Adelaide, Australia. November 2004. (Invited Presentation).
24. Dreer L, Fletcher D, Elliott T. Low vision rehabilitation: An investigation of psychological characteristics. Poster presented at the annual convention of Association for Research in Vision and Ophthalmology. Fort Lauderdale, FL. April 2004.
25. Dreer L, Schmitt M, Elliott T, Fletcher D, Porter C. Social problem solving abilities and depression among persons with visual impairment. Poster presented at the mid-winter conference of the Division of Rehabilitation Psychology/APA and the American Board of Rehabilitation Psychology. Seattle, WA. March 2004.
26. Elliott T, Rivera P. Caregiving and TBI: Issues, Concerns and Solutions. Presentation at the annual conference of the National Association of State Head Injury Administrators. Nashville, TN. September 2004.
27. Elliott T, Rivera P. Train-the-Trainer workshop. Conducted at the meeting of the Alabama Primary Health Care Association. Montgomery, AL. April 2004.
28. Elliott T, Sherwin E. Future directions in directions in determining treatment efficacy and effectiveness in rehabilitation. Symposium conducted at the annual convention of the American Psychological Association. Honolulu, HI. July 2004.
29. Elliott T, Shewchuk R. Family Caregiving Following Spinal Cord Injury. Presentation at Successes, Challenges and Future Directions of Interdisciplinary Caregiving Research. Birmingham, AL. September 2004.
30. Elliott T. Developing Problem Solving Skills. Ninth Annual Therapeutic Recreation Summit, Camp For All. Burton, TX. August 2004.
31. Elliott T. Problem Solving Training for Family Caregivers. Ninth Annual Therapeutic Recreation Summit, Camp For All. Burton, TX. August 2004.
32. Harrison-Felix C, Whiteneck G, DeVivo MJ, Hammond FM, Jha A. Mortality following rehabilitation in the traumatic brain injury model systems of care. Poster presented at the 81<sup>st</sup> Annual Meeting of the American Congress of Rehabilitation Medicine. Ponte Vedra Beach, Florida. September 2004.
33. Hodges FS, McAtee S, Theiss S, Kirkpatrick JS. MRI predicts failure of nonoperative management for pyogenic vertebral osteomyelitis. Piedmont

Orthopaedic Society, 52nd Annual Meeting. May 2004.

34. Hodges FS, McAtee S, Theiss S, Kirkpatrick JS. MRI predicts failure of nonoperative management for pyogenic vertebral osteomyelitis. Southern Orthopaedic Association, 21st Annual Meeting. July 23, 2004.
35. Hui SA, Elliott T, Shewchuk R, Rivera P. Communal behaviors and adjustment following spinal cord injury. Poster presented at the annual convention of the American Psychological Association. Honolulu, HI. July 2004.
36. Hui SA, Elliott T, Shewchuk R, Rivera P. Communal behaviors, problem solving abilities, and adjustment of caregivers of persons with spinal cord injuries. Poster presented at the mid-winter conference of the Division of Rehabilitation Psychology/APA and the American Board of Rehabilitation Psychology, Seattle, WA. March 2004.
37. Jackson AB, Dijkers M, DeVivo MJ, Poczatek R. SCI in the last 30 years: a demographic profile of new injuries. Presented at the 30<sup>th</sup> Annual Meeting of the American Spinal Injury Association. Denver, Colorado. May 2004.
38. James NT, Brown KC, Miller CW. Intensity of exercise and functional disability among older adults with arthritis. Presented at the Alabama Academy of Science. March 2004.
39. James NT, Brown KC, Miller CW. Pain disability among older adults with arthritis. Presented at Southern Nursing Research Society. April 2004.
40. Krause JS, DeVivo MJ, Jackson AB. Health status, community integration and economic risk factors for mortality after spinal cord injury. Presented at the 81<sup>st</sup> Annual Meeting of the American Congress of Rehabilitation Medicine. Ponte Vedra Beach, Florida. September 2004.
41. Krause JS, DeVivo MJ, Jackson AB. Risk factors for mortality after spinal cord injury. Presented at the 30<sup>th</sup> Annual Meeting of the American Spinal Injury Association. Denver, Colorado. May 2004.
42. Kuhn F, Hamill B. Management of corneal and scleral wounds. Yale University Trauma Symposium New Haven, CT, March 2004.
43. Kuhn F, Hamill B. Management of eyes with corneal and scleral injuries. Regional Trauma Meeting. Adana University. Adana, Turkey. June 2004.
44. Kuhn F, Mester V, Morris R. Management of eyes with traumatic cataract. Presented at the 13th Annual Meeting, Mediterranean Society of Ophthalmology. Antalya, Turkey, October 2004.

45. Kuhn F, Mester V, Morris R. Management of eyes with perforating injuries. Presented at Retina Subspecialty Day, American Academy of Ophthalmology. New Orleans, LA. October 2004.
46. Kuhn F, Mieler W. Controversies in the management of patients with eye injury. Yale University Trauma Symposium. New Haven, CT. March 2004.
47. Kuhn F, Morris R, Mester V, Witherspoon CD. Management of eyes with traumatic holes. Yale University Trauma Symposium. New Haven, CT. March 2004.
48. Kuhn F, Morris R, Mester V. BETT, the new language of ocular trauma. Presented at the 13th Annual Meeting, Mediterranean Society of Ophthalmology. Antalya, Turkey. October 2004.
49. Kuhn F, Morris R, Mester V. Epidemiology of serious eye injuries. Yale University Trauma Symposium. New Haven, CT. March 2004.
50. Kuhn F, Morris R, Mester V. Management of eyes with ruptures. Pole to Pole Surgery. Ravenna, Italy. September 2004.
51. Kuhn F, Morris R, Mester V. Principles in the management of eye injuries. Yale University Trauma Symposium. New Haven, CT. March 2004.
52. Kuhn F, Morris R, Mester V. Traumatic retinal detachment. Yale University Trauma Symposium. New Haven, CT. March 2004.
53. Kuhn F, Morris R, Mester V. Treatment strategies in ocular trauma. Regional Trauma Meeting. Adana University. Adana, Turkey. June 2004.
54. Kuhn F, Morris R, Witherspoon CD, Mester V. Epidemiology of pediatric eye injuries. Annual Meeting, Italian Society of Ocular Trauma Milan, Italy, September 2004.
55. Kuhn F, Morris R, Witherspoon CD, Mester V. The Birmingham Eye Trauma Terminology (BETT) system. Regional Trauma Meeting, Adana University. Adana, Turkey. June 2004.
56. Kuhn F, Morris R, Witherspoon CD, Mester V. The Birmingham Eye Trauma Terminology (BETT) system. Yale University Trauma Symposium. New Haven, CT. March 2004.
57. Kuhn F, Morris R, Witherspoon CD, Mester V. The Ocular Trauma Score (OTS). Yale University Trauma Symposium. New Haven, CT. March 2004.
58. Kuhn F, Morris R, Witherspoon CD, Mester V. Management of eyes with trauma

to posterior segment structures. Presented at the XIIIth Regional Meeting, Pan-American Ocular Trauma Society. La Paz, Bolivia, August 2004.

59. Kuhn F, Morris R, Witherspoon CD, Mester V. The Birmingham Eye Trauma Terminology (BETT) system. Presented at the XIIIth Regional Meeting, Pan-American Ocular Trauma Society. La Paz, Bolivia, August 2004.
60. Kuhn F, Morris R. Counseling the patient with serious eye injury. Regional Trauma Meeting. Adana University. Adana, Turkey. June 2004.
61. Kuhn F, Morris R. Counseling the patient with serious eye injury. Yale University Trauma Symposium. New Haven, CT. March 2004.
62. Kuhn F. Current concepts in the management of eyes with ferrous intraocular foreign bodies. Yale University Trauma Symposium. New Haven, CT. March 2004.
63. Kuhn F. Eye injuries: The current scene. Virginia Tech/Wake Forest University, Department of Biomechanics. Blacksburg, VA. March 2004.
64. Kuhn F. Eyes with severe injury: management solutions. Presented at the Annual Meeting, American Society of Retina Specialists. San Diego, CA. August 2004.
65. Kuhn F. New concept in the management of eyes with perforating injuries. Martin-Luther-University Eye Trauma Symposium. Halle, Germany. January 2004.
66. Kuhn F. Timing of surgery for IOFB injuries: a logic-based approach. Martin-Luther-University Eye Trauma Symposium. Halle, Germany. January 2004.
67. McCallum DM, Reynolds SJ, Conaway MB, Braune J, Kelley SC, Bennett A. Evaluating farm safety day camps. Presented at Improving Agricultural Health and Safety Programs Through Evaluation: Rigorous and Practical Strategies, Great Lakes Center for Agricultural Safety & Health. Columbus, OH. 2004.
68. McCallum DM, Reynolds SJ, Conaway MB, Kelley SC, Braune J. The community impact of farm safety day camps. Presented at the annual meeting of the National Institute for Farm Safety. Colorado. 2004.
69. Morrisey MA, Grabowski DC, Dee T, Campbell C. Graduated drivers license programs and teen motor vehicle fatalities. Invited seminar, Center for Health Economics and Policy Studies. Medical University of South Carolina. Charleston, SC. October 2004.
70. Novack TA, Priest C. Traumatic Brain Injury. Presented to the National Association of Disability Examiners. Birmingham, AL. 2004.

71. Novack TA. Guidelines for management of mild traumatic brain injury. Presented to the UAB TBI Model System Annual Conference. Birmingham, AL. 2004
72. Parrish A, Brown D. What's New in CARE? Proceedings of the 30th International Forum on Traffic Records and Highway Information Systems. National Safety Council. Nashville, TN. July 2004.
73. Salisbury D, Novack T, Baños J, Millis S, Hart T, Bell K, Hanks R, Malec J, Sherer M, Rosenthal M. The relationship of acute neuropsychological function and level of caregiver supervision at one year post traumatic brain injury. Presented at the annual meeting of the American Academy of Clinical Neuropsychology. 2004.
74. Schmitt MM, Banos J, Elliott T. Verbal learning in spinal cord injury patients: Effects of age and time since injury. Poster presented at the annual conference of the International Neuropsychological Society. Baltimore, MD. February 2004.
75. Shaw S. Adherence to constraint-induced movement therapy procedures and outcomes for persons with traumatic brain injury. Presented at the American Physical Therapy Association Combined Sections Meeting. Nashville, TN. 2004
76. Sterling S, Schwebel DC, Hodgins JB. Parenting and disruptive behavior as risk factors for unintentional injury among clinic-referred children with behavior disorders. Poster presented at the Society for Pediatric Psychology National Conference on Child Health Psychology. Charleston, SC. April 2004.
77. Tang M, McCallum DM, McCallum JR, Bolland JM, Lian BE, Barth JM. Unintentional injuries and risk behaviors among adolescents living in low-income neighborhoods. Presented at the annual meeting of the American Public Health Association. Washington, DC. 2004.
78. Vance DE, Sims R, Chatman T, Ball K. Correlates of falling and balance in older adult drivers. Presented at the American Geriatrics Society national meeting. Las Vegas, NV. May 2004.
79. Vance DE, Sims R, Chatman T, Ball K. Physiological and psychosocial correlates of speed of processing in older community-dwelling adults. Presented at the American Geriatrics Society national meeting. Las Vegas, NV. May 2004.
80. Vogel LC, Betz RR, DeVivo MJ, McDonald CM. Spinal cord injuries in infants and young children. Presented at the 50<sup>th</sup> Annual Conference of the American Paraplegia Society. Las Vegas, Nevada. September 2004.

81. Waites KB, Canupp KC, Nahm M, Chen Y, DeVivo MJ. Revaccination with pneumococcal vaccine in adults with SCI. Poster presented at the 50<sup>th</sup> Annual Conference of the American Paraplegia Society. Las Vegas, Nevada. September 2004.
82. Waites KB, Canupp KC, Nahm MH, Chen Y, DeVivo MJ. Long-term immune response to the 23-valent pneumococcal vaccine in adults with spinal cord injury. Poster presented at the International Symposium on Pneumococci and Pneumococcal Diseases. Helsinki, Finland. May 2004.
83. Waites KB, Canupp KC, Nahm MH, Chen Y, DeVivo MJ. Revaccination with the 23-valent pneumococcal vaccine in adults with spinal cord injury. Poster presented at the International Symposium on Pneumococci and Pneumococcal Diseases. Helsinki, Finland. May, 2004.
84. Wilson MW, Richards JS, Klapow JC, DeVivo MJ, Greene P. Cluster analysis and chronic pain: an empirical classification of pain groups and discriminating factors in a spinal cord injury population. Poster presented at the 18<sup>th</sup> Annual Conference of the American Association of Spinal Cord Injury Psychologists and Social Workers. Las Vegas, Nevada. September 2004.

## 2003

### Book Chapters

1. Kirkpatrick JS. Standards development perspectives on the use of bone graft substitutes based upon allografts. In: Laurencin C, ed. *Bone Graft Substitutes*. West Conshohocken, PA: ASTM International; 2003.
2. Kirkpatrick JS, Venugolopalan R, Bibbs M, Lemons JE, Beck P. Corrosion on spinal implant constructs: should standards be revised? In: Melkerson MN, Griffith SL, Kirkpatrick JS, eds. *Spinal Implants: Are We Evaluating Them Appropriately?* West Conshohocken, PA: ASTM International; 2003.
3. Kuhn F, Morris R, Witherspoon CD, Mester V. The Birmingham Eye Trauma Terminology system (BETT) and the United States Eye Injury Registry (USEIR) In: Borgioli M, ed. *I Trauma Oculari*. Roma:Editore INC.;2003:19-28.
4. Melkerson MN, Griffith SL, Kirkpatrick JS, eds. *Spinal implants: Are we evaluating them appropriately?* West Conshohocken, PA: ASTM International; 2003.
5. Schwebel DC. Accidents: Environmental causes and preventions. In: Miller JR, Lerner RM, Schiamburg LB, Anderson PM, eds. *The encyclopedia of human ecology*. Santa Barbara, CA: ABC-CLIO;2003:1-3.

## Manuscripts

1. Ahmed A, Allman RM, Kiefe CI, Person SD, Shaneyfelt TM, Sims RV, Howard G, DeLong JF. Association of consultation between generalists and cardiologists with quality and outcomes of heart failure care. *Am Heart J.* 2003;145:1086-93.
2. Ahmed A, Sims RV, Allman RM, DeLong JF, Aronow WS. Racial variations in cardiology care among hospitalized older heart failure patients. *Heart Disease.* 2003;5:8-14
3. Chen Y, DeVivo MJ, Lloyd LK. Urinary stone formation after spinal cord injury: risk and risk factors. *Top Spinal Cord Inj Rehabil* 2003;8(3):8-19.
4. Chen Y, DeVivo MJ, Jackson AB. Epidemiology of pressure ulcers in persons with spinal cord injury: a longitudinal study, 1986-2002. *Am J Epidemiol* 2003;157 Suppl:S51.
5. DeVivo MJ. Odds of dying each year after spinal cord injury. *J Spinal Cord Med* 2003;26 Suppl:S11.
6. DeVivo MJ. The odds of dying each year after spinal cord injury. *J Spinal Cord Med* 2003;26:297.
7. Evans C, Sherer M, Nakase-Thompson R, Novack T, Nick T. Early impaired self-awareness, depression, and subjective well-being following TBI. *J Int Neuropsychol Soc.* 2003; 9: 253.
8. James N, Miller C, Brown, K. Pain Disability Among Older Adults with Arthritis. *Arthritis Rheum.* 2003;48:S422.
9. Kirkpatrick JS. The anterior approach in the management of thoracolumbar burst fractures. *J Am Acad Orthop Surg.* 2003;11(5):355-363.
10. Kuhn F. New developments in managing patients with eye injuries. *EyeWorld.* 2003;8(4): 31-32.
11. Kuhn, F. Posttraumatic retinal detachment. *Appulia Ophthalmology Update Bari,* Italy. October 2003.
12. Molz FJ, Partin JI, Kirkpatrick JS. The acute effects of posterior fusion instrumentation on kinematics and intradiscal pressure of the human lumbar spine. *J Spinal Disord Tech.* 2003;16(2):171-179.
13. Morris R, Witherspoon CD, Kuhn F, Taylor WM, Breaud S. The effect of indocyanine-green on functional outcome of macular pucker surgery. *Am J Ophthalmol.* 2003; 136:778-779.

14. Napper C, Battles J, Fargason CA. Pediatrics and patient safety. *J Pediatr.* 2003; 142(4):359-360.
15. Novack T, Schneider J, Weed W, Blankenship J, Baños J. Screening for driving readiness using the Useful Field of View Test. *J Int Neuropsychol Soc* 2003; 9: 235.
16. Novack T, Baños J, Schneider J. Significance of decreased orientation performance during rehabilitation. *J Int Neuropsychol Soc.* 2003; 9: 319.
17. Parrish A, Dixon B, Cordes D, Vrbsky S, Brown D. CARE: A tool to analyze automobile crash data. *IEEE Computer.* June, 2003.
18. Parrish A, Brown D, Stricklin R, Turner D. Critical analysis reporting environment (CARE). *Data Mining 2003.* Southampton, England:WIT Press, Inc.; 2003.
19. Pieramici D, Kuhn F. Frontal air bags and eye injury patterns in automobile crashes *Arch Ophthalmol.* 2003;121:1807-1808.
20. Putzke JD, Barrett JJ, Richards JS, DeVivo MJ. Age and spinal cord injury: an emphasis on outcomes among the elderly. *J Spinal Cord Med* 2003;26:37-44.
21. Schwebel DC, Bounds ML. The role of parents and temperament on children's estimation of physical ability: Links to unintentional injury prevention. *J Pediatr Psychol.* 2003;28:505-516.
22. Szijarto Zs, Gaal V, Kuhn F, Kovacs B. Intraretinal copper foreign body. *Hungarian Journal of Ophthalmology (Szemészet).* 2003;140:101-102.
23. Underhill AT, LoBello SG, Stroud TP, Terry KS, DeVivo MJ, Fine PR. Depression and life satisfaction in patients with traumatic brain injury: A longitudinal study. *Brain Inj* 2003;17:973-982.
24. Waites KB, Canupp KC, DeVivo MJ. Cranberry extract has no effect on reduction of bacteriuria or pyuria in persons with neurogenic bladder secondary to spinal cord injury. *J Spinal Cord Med* 2003;26 Suppl:S24.

### Presentations

1. Anderson C, DeVivo MJ. Mortality in pediatric SCI. Presented at the Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord. Orlando, Florida. December 2003.
2. Biering-Sorensen F, DeVivo MJ, Noonan V, Post M, Stripling T, Wing P. International SCI data set. Presented at the 42<sup>nd</sup> Annual Scientific Meeting of the

International Spinal Cord Society. Beijing, China. October 2003. (Invited Keynote Presentation).

3. Brown K. Lifting. Presented at the City of Birmingham Back School. October 2003.
4. Chen Y, DeVivo MJ, Jackson AB. Epidemiology of pressure sores in persons with spinal cord injury: a longitudinal study 1986-2002. Poster presented at the 36<sup>th</sup> Annual Meeting of the Society for Epidemiologic Research. Atlanta, Georgia. June 2003.
5. Claytor B, MacLennan PA, McGwin G, Rue LW, Kirkpatrick JS. Cervical spine injury and restraint system use in motor vehicle collisions. Piedmont Orthopaedic Society, 50<sup>th</sup> Annual Meeting (Phase II). May 2003.
6. Claytor B, MacLennan PA, McGwin G, Rue LW, Kirkpatrick JS. Cervical spine injury and restraint system use in motor vehicle collisions. Presented at the Eastern Orthopaedic Association and Southern Orthopaedic Association, Joint Meeting. August 2003.
7. Claytor B, MacLennan PA, McGwin G, Rue LW, Kirkpatrick JS. Cervical spine injury and restraint system use in motor vehicle collisions. Presented at the Cervical Spine Research Society, 31<sup>st</sup> Annual Meeting. December 2003.
8. Dee T, Grabowski DC, Morrissey MA. Effects of graduated drivers license programs on teen traffic fatalities. Substance Abuse Policy Research Program Annual Meeting, Park City, Utah. December 2003.
9. DeVivo MJ. Moderator of session 8 on research and outcomes. Presented at the Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord. Orlando, Florida. December 2003.
10. DeVivo MJ, Go BK, Jackson AB. Birmingham, Alabama. National Spinal Cord Injury Statistical Center, 2003: Annual Report for the Model Spinal Cord Injury Care Systems.
11. DeVivo MJ. The national SCI model systems database: Lessons learned and still being learned. Presented at the Pre-Course on Evidence-Based Practice and Outcomes Research in Pediatric Rehabilitation, Orlando, Florida, December 2003.
12. DeVivo MJ. Odds of dying each year after spinal cord injury. Presented at the 29<sup>th</sup> Annual Meeting of the American Spinal Injury Association. Miami, Florida. April 2003.

13. DeVivo MJ. Moderator of instructional course on primary prevention of spinal cord injuries: from theory to practice. Presented at the 29<sup>th</sup> Annual Meeting of the American Spinal Injury Association. Miami, Florida. April 2003.
14. DeVivo MJ. The odds of dying each year after spinal cord injury. Presented at the 49<sup>th</sup> Annual Conference of the American Paraplegia Society. Las Vegas, Nevada. September 2003.
15. DeVivo MJ. The National Spinal Cord Injury Statistical Center Database. Presented at the 25<sup>th</sup> Annual SCI Model Centers OT/PT Leadership Forum. Birmingham, Alabama. October 2003.
16. DeVivo MJ, Vogel L. Epidemiology of spinal cord injuries in children and adolescents. Presented at the Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord. Orlando, Florida. December 2003.
17. Elliott T. Applying the participatory action research model in a clinical setting with ethnic minority groups. Paper presented at the annual convention of the American Psychological Association. Toronto. August 2003.
18. Elliott T. Education and support in the context of other interventions for caregivers. Paper presented at the Education, Training & Support Programs for Caregivers: Expert Panel Meeting sponsored by Johnson & Johnson and the Rosalynn Carter Institute. Atlanta, GA. November 2003.
19. Elliott T. Social problem solving abilities and family caregiving following disability. College of Medicine Research Seminar presentation, Department of Medical Humanities and Social Sciences, College of Medicine, Florida State University. February 2003.
20. Elliott T. Social problem-solving abilities and family caregiving following disability. UAB Center for Aging and Birmingham/Atlanta VA Geriatric Research, Education, and Clinical Center Scientific Seminar Series, University of Alabama-Birmingham. October 2003.
21. Elliott T. Social problem-solving abilities and family caregiving following disability. Department of Psychology colloquium. University of Arkansas at Little Rock. November 2003.
22. Evans C, Sherer M, Nakase-Thompson R, Novack T, Nick T. Early impaired self-awareness, depression, and subjective well-being following TBI. Presented at the International Neuropsychological Society Convention. February, 2003.
23. Hickey K, Anderson C, Vogel L, DeVivo MJ. Autonomic dysreflexia in children with spinal cord injuries. Presented at the Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord. Orlando, Florida. December 2003.

24. Kuhn F, Mester V, Morris R. Minisymposium: New developments in vitreoretinal surgery; actual vitreoretinal problems; ocular trauma. Bratislava, Slovakia. September 2003
25. Kuhn F. Management of tissue prolapse in eyes with open globe injury. Pole to pole surgery. Ravenna, Italy. September 2003.
26. Kuhn F, Kirchhof B. Iris trauma: treatment concepts. Pole to pole surgery. Ravenna, Italy. September 2003.
27. Kuhn F. Reconstruction of eyes with anterior and posterior segment trauma. Pole to pole surgery. Ravenna, Italy. September 2003.
28. McAtee S, Theiss S, Kirkpatrick JS. MRI predicts failure of nonoperative management for pyogenic vertebral osteomyelitis. International Society for the Study of the Lumbar Spine, 30<sup>th</sup> Annual Meeting, Poster 119. May 2003.
29. McCallum DM, Conaway MB, Drury S, Reynolds SJ. Changes in knowledge and behavior for participants in Progressive Farmer Farm Safety Day Camps. Presented at the annual meeting of the National Institute for Farm Safety, Windsor, Ontario, 2003.
30. McCallum DM, McCallum JR. Correlates of unintentional injuries among adolescents living in low-income neighborhoods. Presented at the annual meeting of the Society for Research in Child Development, Tampa, FL, 2003.
31. Molz F, Partin J, Kirkpatrick J. The acute effect of L3/L4 fusion on the motion of vertebrae in a whole lumbar cadaver spine. Presented at the International Society for the Study of the Lumbar Spine, 30<sup>th</sup> Annual Meeting. May 2003.
32. Morrisey MA, Grabowski DC. State motor vehicle laws and older drivers. International Health Economics Association Fourth World Congress, San Francisco, CA. June 2003.
33. Morrisey MA, Grabowski DC, Campbell CM. Fatal crashes involving older drivers: Trends, projections, and the effects of state licensure laws. Invited seminar, Center for Aging and Birmingham/Atlanta VA Geriatric Research, Education, and Clinical Center (GRECC) Scientific Seminar Series, Birmingham, AL. October 2003.
34. Novack T, Baños J, Schneider J. Significance of decreased orientation performance during rehabilitation. Presented at the International Neuropsychological Society Convention. February, 2003.

35. Novack, T, Schneider, J, Weed, W, Blankenship, J, & Baños, J. Screening for driving readiness using the Useful Field of View Test. Presented at the International Neuropsychological Society Convention. February, 2003.
36. Novack, T. Development and application of a home stimulation program following traumatic brain injury. Presented at the American Congress of Rehabilitation Medicine. October 2003.
37. Orr, M, Walker, W, Marwitz, J, Novack, T, Hart, T. Occupational categories and RTW after traumatic brain injury. Presented at the American Association of Physical Medicine & Rehabilitation. October, 2003.
38. Schmitt M, Elliott T. Verbal learning abilities and adjustment to recent-onset spinal cord injury. Poster presented at the Division of Rehabilitation Psychology/APA and the American Board of Rehabilitation Psychology conference: Celebrating Our Heritage, Creating Our Vision. Tucson, AZ. April 2003. [awarded first prize for best student presentation]
39. Scholl BS, Waggoner C, Theiss S, Kirkpatrick JS. Sagittal plane alignment of thoracolumbar fractures treated with short-segment instrumentation. American Academy of Orthopaedic Surgeons, 70<sup>th</sup> Annual Meeting, poster #298, 2003.
40. Scholl B, Waggoner C, Theiss S, Kirkpatrick JS. Short segment fixation of thoracolumbar burst fractures. Presented at the Eastern Orthopaedic Association and Southern Orthopaedic Association, Joint Meeting. August 2003.
41. Sims RV, Ball K, Roth D, McKinney Y, Clay O, Allman RM. Falling in a cohort of older veteran drivers. Presented at the American Geriatrics Society national meeting. Baltimore, MD. May 2003.
42. Sims R, Ball K, Roth D, Clay O, McKinney Y, Allman R. Shared associations for falls and motor vehicle crashes among older veteran drivers. Presented at the American Geriatrics Society national meeting. Baltimore, MD. May 2003.
43. Tucker E, Elliott T. Social problem solving abilities and health behaviors of persons with spinal cord injuries. Poster presented at the annual conference of the American Association of Spinal Cord Injury Psychologists and Social Workers. Las Vegas, NV. September 2003.
44. Vogel L, Betz R, DeVivo MJ, McDonald C. Medical complications in the young child with SCI. Presented at the Howard H. Steel Conference on Injuries and Dysfunction of the Spinal Cord. Orlando, Florida. December 2003.
45. Warren AM, Asson S, Dinoff BL, DeVivo MJ, Fine PR. Alcohol use as a risk factor for intra-articular fractures of the lower extremity. Poster presented at the

Alabama Psychological Association Annual Convention. Fort Walton Beach, Florida. May 2003.

46. Waites KB, Canupp KC, DeVivo MJ. Cranberry extract has no effect on reduction of bacteriuria or pyuria in persons with neurogenic bladder secondary to spinal cord injury. Presented at the 29<sup>th</sup> Annual Meeting of the American Spinal Injury Association. Miami, Florida. April 2003.

## **2002**

### Book Chapters

1. Elliott T, Kurylo ., Rivera P. Positive growth following an acquired physical disability. In: Snyder CR, Lopez S, eds. Handbook of Positive Psychology. New York: Oxford University Press; 2002: 687-699.
2. Fine PR, Horn W, Terry KS. The Prevention of Spinal Cord Injury. In: Lin V, ed. Spinal Cord Medicine. New York, NY: Demos Medical Publishing, 2002.

### Manuscripts

1. Cadwallader TW, Farmer TW, Cairns BD, Leung MC, Clemmer JT, Gut D, Reese LE. The social relations of rural African American early adolescents and proximal impact of the School Engagement Project. J Sch Psychol 2002;40(3):239-258.
2. Estell DB, Cairns RB, Farmer TW, Cairns BD. Aggression in inner-city early elementary classrooms: Individual and peer group configurations. Merrill-Palmer Q 2002;48:52-76.
3. Cadwallader TW, Cairns RB. Developmental influences and gang awareness among African-American inner city youth. Social Development 2002;11:245-65.
4. Estell DB, Farmer TW, Cairns RB, Cairns BD. Social relations and academic achievement in inner-city early elementary classrooms. Int J Behav Dev 2002;26:518-28.
5. Elliott T, Shewchuk R. Using the nominal group technique to identify the problems experienced by persons who live with severe physical disability. J Clin Psychol Med Settings 2002;9:65-76.

### Presentations

1. Stroud TP, Valentine PV, Bartolucci AA, Grover R, Fine PR. The Impact of Rehabilitation on Long-Term Functional Outcomes in Burn Patients American Burn Association. Abstract accepted at 34th Annual American Burn Association

Meeting, Chicago, IL. April 2002.

2. Stroud TP, Valentine PV, Zheng S, Bartolucci AA, Underhill AT, Fine PR. Brain Injury and the Blues: Depression's Impact on TBI Survivors 5 Years Post Injury. Abstract accepted at 26<sup>th</sup> Annual Williamsburg Conference, Williamsburg, VA. June 2002.
3. Valentine PV, Stroud TP, Meythaler JM, Bartolucci AA, Fine PR. The Impact of Rehabilitation on Functional Outcomes of TBI. Abstract accepted at 6<sup>th</sup> World Conference, Injury Prevention and Control, Montreal, Canada. May 2002.
4. Valentine PV, Stroud TP, Zheng S, Bartolucci AA, Underhill AT, Fine PR. Mental Health Indicators of TBI Survivors Eight Years Post Injury. Abstract accepted at 26<sup>th</sup> Annual Williamsburg Conference, Williamsburg, June 2002.
5. Valentine PV, Stroud TP, Zheng S, Bartolucci AA, Underhill AT, Fine PR. The Money Factor: A Cross Sectional Analysis of the Correlation Between Self-Sufficiency and Life and Family Satisfaction in Persons with Traumatic Brain Injury 5 Years Post Injury. Abstract accepted at 26<sup>th</sup> Annual Williamsburg Conference, Williamsburg, VA. June 2002.
6. Stroud TP, Valentine PV, Underhill AT, Zheng S, Bartolucci A, Fine PR. Work and recreation's impact on life and family satisfaction five years after catastrophic injury. Abstract accepted at 79<sup>th</sup> American Congress of Rehabilitation Medicine Annual Scientific Conference, Philadelphia, PA. October 2002.
7. Stroud TP, Weiss H, Hunter W, Terry KS, Fine PR. A Unique Web-Based Method To Determine Research And Training Needs Of Injury Control Practioners. Abstract accepted at 6<sup>th</sup> World Conference, Injury Prevention and Control, Montreal, Canada. May 2002.
8. Overman L, Stroud T, Underhill A, Fine R. Perceptions of a State Rehabilitation Agency: The Client's Perspective. Abstract accepted at 79<sup>th</sup> American Congress of Rehabilitation Medicine Annual Scientific Conference, Philadelphia, PA. October 2002.
9. Shewchuk RM, Elliott TR, Rivera PA. Cognitive representation of problems experienced by caregivers of persons with spinal cord injury. Society of Behavioral Medicine, 2002 Annual Meeting Supplement. S059.
10. Elliott T. Active problem solving interventions for family caregivers. Case Conference Workshop, Department of Clinical and Health Psychology, University of Florida. January 2002.
11. Elliott T. 10th Annual Conference; Spinal Cord Injuries: A Multidisciplinary Approach to Today's Clinical Challenges, La Jolla, CA, conducted by

Contemporary Forums. Conducted presentations on "Families as Part of the Rehabilitation Team," and "Psychosocial Considerations: Long-term Secondary Complications for Persons with SCI." April 2002.

12. Shewchuk R, Elliott T, Rivera P. Cognitive representation of problems experienced by caregivers of persons with spinal cord injury. Paper presented at the annual conference of the Society of Behavioral Medicine, Washington, D. C. April 2002.
13. Elliott T. "Life After Traumatic Brain Injury: Addressing the Emotional Needs of the Caregiver." Keynote presentation at the 17<sup>th</sup> Annual Western Michigan Brain Injury Symposium, Grand Rapids, MI. May 2002.
14. Elliott T. Personality assessment: recommendations for assistive technology. In Matching Consumer and Assistive Technology for Successful Rehabilitation. Symposium conducted at the annual conference of the American Association of Spinal Cord Injury Psychologists and Social Workers, Las Vegas. September 2002.
15. Elliott T. Concomitants of depression among family caregivers of persons with recent-onset spinal cord injury. In Caregiving in Neurological Disease: Lifespan and Chronic Illness Perspectives. Symposium conducted at the conference entitled Advancing Nursing Practice Excellence: State of the Science Congress, Washington, D. C. September 2002.
16. Grabowski DC, Morrissey MA. Gasoline Prices and Motor Vehicle Fatalities. Paper presented at UAB Lister Hill Center for Health Policy Research Symposium "The Economics of Motor Vehicle Safety". September 20, 2002.
17. Morrissey MA, Grabowski DC. State Motor Vehicle Laws and Older Drivers. Paper presented at UAB Lister Hill Center for Health Policy Research Symposium "The Economics of Motor Vehicle Safety". September 20, 2002.
18. Overby R, Feldman D. Compositional effects on albumin system properties. Transactions of the Biomedical Engineering Society 2002;20.
19. Jennings A, Feldman D. In vivo clinical wound models. Transactions of the Wound Healing Society and European Tissue Repair Society 2002;20.
20. Kilpadi D, Overby R, Range S, Feldman D. Development of model substrates for quantification of scanning laser doppler imaging of wound healing. Transactions of the Wound Healing Society and European Tissue Repair Society 2002;207.
21. Range S, Barker A, Feldman D. Biofeedback-controlled protein delivery from a fibrin matrix. Transactions of the Society for Biomaterials 2002;28:147.

22. Range S, Barker A, Feldman D. Biofeedback-controlled protein delivery from a fibrin matrix. Transactions of the Society for Biomaterials, 2002.
23. Blum B, Huang S, Eberhardt A, Feldman D. Effect of composition and porosity on mechanical strength of an adhesive albumin. Transactions of the Society for Biomaterials 2002.
24. Feldman D, Range S. Controlled release of FGF-1, Transplant Surgery 2002.
25. Feldman D. Healing and assessing skin wounds. Biomedical Engineering seminar, 2002.
26. Overby R, Feldman D. Compositional effects on albumin system properties. Biomedical Engineering Society 2002.
27. Jennings A, Feldman D. In vivo clinical wound models. Wound Healing Society and European Tissue Repair Society 2002.
28. Kilpadi D, Overby R, Range S, Feldman D. Development of model substrates for quantification of scanning laser doppler imaging of wound healing. Wound Healing Society and European Tissue Repair Society 2002.

#### Other

1. Elliott TR. Psychological explanations of personal journeys: Hope for a positive psychology of theory, practice, and policy. Psychological Inquiry 2002;13:295-298. [invited comment].

### **2001**

#### Book Chapters

1. Cairns R, Cairns B. Attachment and aggression: The folly of separatism. In: Bohart A, Stipek D, eds. Constructive and destructive behavior: Implications for family, school and society. Washington, D.C.: American Psychological Association;2001.
2. Elliott T, Kurylo M, Carroll M. Personality assessment in medical rehabilitation. In: Scherer M, ed. Assistive Technology: Matching Device and Consumer for Successful Rehabilitation. Washington, D.C.: American Psychological Association; 2001:47-58.

## Manuscripts

1. Farmer T, Magee-Quinn M, Hussey W, Holahan T. The development of disruptive behavior disorders and correlated constraints: Implications for intervention. Behavioral Disorders 2001;26: 117-130.
2. Grant JS, Elliott TR, Giger J, Bartolucci A. Social problem solving telephone partnerships with family caregivers. Int J Rehabil Res 2001;24:181-189.
3. Elliott TR, Shewchuk RM, Richards JS. Family Caregiver social problem-solving abilities and adjustment during the initial year of the caregiving role. J Counseling Psycho 2001; 48 (2): 223-232.
4. Kurylo MF, Elliott TR, Shewchuk RM. FOCUS on the Family Caregiver: A problem solving training intervention. J Couns Dev 2001;79 (3): 275-281.
5. Grabowski DC, Morrisey MA. The Effect of State Regulations on Motor Vehicle Fatalities for Younger and Older Drivers: A Review and Analysis. Milbank Q 2001;79(4): 517-545.
6. Barker T, Fuller G, Klinger M, Feldman D, Hagood S. Modification of fibrinogen with polyethylene glycol and its effects on fibrin clot characteristics. JBMR 2001; 56(4): 529-535.
7. Barker T, Klinger M, Feldman D, Fuller G, Hagood S. Spectrophotometric analysis for determining the average number of poly(ethylene) glycol molecules on PEGylated proteins utilizing a protein digestion step. Anal. Biochem 2001; 290: 382-385.
8. Barker, T., Fuller, G., Klinger, M., Feldman, D., and Hagood, S., Modification of fibrinogen with polyethylene glycol and its effects on fibrin clot characteristics. JBMR 2001;56(4): 529-535.
9. Burns AS, Meythaler JM. Intrathecal baclofen in tetraplegia of spinal origin: Efficacy for upper extremity hypertonia. Spinal Cord 2001;39:413-9.
10. Meythaler JM, Peduzzi JD, Eleftheriou E, Novack TA. Current Concepts: Diffuse Axonal Injury – Associated Traumatic Brain Injury. Arch Phys Med Rehabil 2001; 82:1461-71.
11. Dakin GJ, Arbelaez RA, Molz FJ, Alonso JE, Mann KA, Eberhardt AW. Elastic and Viscoelastic Properties of the Human Pubic Symphysis Joint: Effects of Lateral Impact Loading. Transactions of the ASME 2001;123: 218-226.
12. Morris DM, Uswatte G, Crago J, Cook EW, Taub E. The Reliability of the Wolf Motor Function Test for Assessing Upper Extremity Function after Stroke. Arch Phys Med Rehab 2001;82:750-5.

13. Bidez MW, Syson SR. Kinematics, Injury Mechanisms and Design Considerations for Older Children in Adult Torso Belts. Transactions of the Society of Automotive Engineers (SAE) 2001 World Congress. Reprinted from: Biomechanics Research and Development (SP-1577). 2001.

### Presentations

1. White M, Fine P.R., et al. Development of a work motivation scale for predicting return to work of arthritis patients. Arthritis and Rheumatism 2001.
2. White M, Fine P.R., et al. Improved return to work for arthritis patients in a supplementary state-federal vocational rehabilitation program. Arthritis and Rheumatism 2001;44(9).
3. Blum B, Huang S, Boyd N, Barker T, Feldman D. Effect of an adhesive albumin scaffold on the healing of open skin wounds in rabbits. Transactions of the Society of Biomaterials. 2001.
4. Feldman D, Barker T, Blum B, Kilpadi D, Redden R. Tissue adhesive scaffolds for skin wounds. Transactions of the Southern Biomedical Engineering Conference 2001;20:701.
5. Feldman D, Blum B, Huang S, Boyd N, Barker T. Effect of an adhesive albumin scaffold on the healing of open skin wounds in rabbits. Transactions of the Society for Biomaterials 2001; 27:11.
6. Feldman D, Wirthlin D, Kilpadi D, Oberhue A, Tyree L. Telemedicine for wound healing. Transactions of the Southern Biomedical Engineering Conference 2001; 20: 71.
7. Feldman D, Wirthlin D, Kilpadi D, Redden R. Quantitative non-invasive assessment of skin wounds. Transactions of the Southern Biomedical Engineering Conference 2001;20: 69.
8. Overby R, Feldman D, Wirthlin D, Kilpadi D. Improving accuracy and sensitivity of blood perfusion assessment. Wound Repair and Regeneration 2001;7(3): 245.
9. Range S, Barker T, Blum B, Kilpadi D, Overby R, Feldman D. Optimizing tissue adhesive scaffolds for skin wounds. Wound Repair and Regeneration 2001;7(3): 245.
10. Smith MH, Denninghoff KR, Lompado A, Woodruff JB, Hillman LW. Minimizing the influence of fundus pigmentation on retinal vessel oximetry measurements. In Ophthalmic Technologies XI. Manns F, Soederberg PG, Ho A (eds). Proc SPIE 4245, 2001. \*\*Winner of the 2001 Pascal Rol Award for the Best Paper in Ophthalmic Technologies (presented January 2001).\*\*

11. Valentine PV, Denninghoff KR. The evolution of a brief trauma-assessment instrument and intervention: A qualitative study, #71. SafeUSA Conference, Mobilizing for a SafeUSA: Leadership Conference to Reduce Violence and Injury in America in Atlanta, GA. December 2001.
12. Denninghoff KR et al. Youth violence & the health professions: Core competencies for effective practice. Knox L (ed). The Southern California Developing Center of Academic Excellence for Youth Violence Prevention and the University of Southern California, Department of Family Medicine. December 2001.
13. Eleftheriou E, Fischer FR, Meythaler JM, Vogt S, Jackson CA, Cartner SA, Peduzzi JD. Rat Model of Diffuse Traumatic Axonal Injury. J. Neurotrauma 2001;18: 1127.

## 2000

### Book Chapters

1. Elliott T, Shewchuk R. Problem solving therapy for family caregivers of persons with severe physical disabilities. In: Radnitz C, ed. Cognitive-Behavioral Therapy for Persons with Disabilities. New York: Jason Aaronson, Inc.; 2000.
2. Elliott T, Kurylo M. Hope over disability: Lessons from one young woman's triumph. In: Snyder CR, ed. The Handbook of Hope: Theory, Measurement, and Interventions. New York: Academic Press;2000:373-386.
3. Shewchuk R, Elliott T. Family caregiving in chronic disease and disability: Implications for rehabilitation psychology. In: Frank RG, Elliott T, eds. Handbook of Rehabilitation Psychology. Washington, DC: American Psychological Association Press; 2000.
4. Bowman J, Barker T, Blum B, Kilpadi D, Feldman D. Tissue adhesives for growth factor drug delivery. In: Biomaterials and Bioengineering Handbook. Wise D, ed. New York, NY: Marcel Dekker; 2000: 261-312.
5. Feldman D, Barker T, Blum B, Kilpadi D, Redden R. Tissue assessment of skin substitutes. In: Biomaterials and Bioengineering Handbook. Wise D, ed. New York, NY: Marcel Dekker; 2000: 773-806.
6. Feldman D, Barker T, Bowman J, Blum B, Kilpadi D, Redden R. Biomaterial enhanced regeneration for skin wounds. In: Biomaterials and Bioengineering Handbook. Wise D, ed. New York, NY: Marcel Dekker; 2000: 807-842.

## Manuscripts

1. Horn W, Yoels W, Bartolucci A. Factors associated with patients' participation in rehabilitation services: a comparative injury analysis 12 months post discharge. Disabil Rehabil 2000; 22:358-362.
2. Fine PR, Better SR, et al. The operation of a hospital-based specialty home health team: activities and associated costs. Rehabil. Nurs 2000;25: 70-75.
3. Pandit A, Wilson D, Feldman D, Thompson JA. Fibrin scaffold as an effective vehicle for the delivery of acidic fibroblast growth factor (FGF-1). J Biomater Appl 2000;14: 229-242.
4. Sierra D, O'Grady K, Toriumi D, Foresman P, Rodeheaver G, Eberhardt A, Feldman D, Lemons J. Modulation of mechanical properties in multiple component tissue adhesives. JBMR 2000;52: 534-542.
5. Denninghoff KR, Smith MH. Optical model of the blood in the large retinal vessels. J Biomed Opt 2000; 5 (4): 1-4.
6. Smith MH, Denninghoff KR, Lompado A, Hillman LW. Effect of multiple light paths on retinal vessel oximetry. Appl Opt 2000;39(7):1183-1193.
7. Smith MH, Denninghoff KR, Lompado A, Hillman LW. Retinal vessel oximetry: Toward absolute calibration. Ophthalmic Technologies X. Proceedings of SPIE 2000;3908: 217-226.

## Presentations

1. Maisiak R, Fine PR, et al. Health Status (SF-36) Barriers to return to work for persons with musculoskeletal disability. Arthritis Rheum. 2000(suppl).
2. White M.B., Fine P.R., et al. Increased enrollment of persons unemployed due to musculoskeletal disability to vocational rehabilitation services. Arthritis Rheum. 2000(suppl).
3. Blum B, Huang S, Eberhardt A, Feldman D. Effect of material composition on shear strength of an adhesive albumin. Transactions of the World Biomaterials Congress 2000;6:1067.
4. Feldman D., Barker T, Blum B, Kilpadi D, Redden R. Wound healing assessment of skin tissue scaffolds., Transactions World Biomaterials Congress 2000;6:223.
5. Kilpadi D. Feldman D. Development of quantitative scanning laser doppler imaging for assessment of wound healing. Transactions World Biomaterials Congress 2000;6:1091.

6. Feldman D, Barker T, Blum B, Kilpadi D, Redden R. Wound healing assessment of skin tissue scaffolds. Transactions World Biomaterials Congress 2000.
7. Kilpadi D, Feldman D. Development of quantitative scanning laser doppler imaging for assessment of wound healing. Transactions World Biomaterials Congress 2000.
8. Denninghoff KR. Injury Control Research: Federal Funding. Annual Meeting, Society for Academic Emergency Medicine. San Francisco, CA. May 2000.
9. Denninghoff KR. Retinal Venous Oxygen Saturation Correlates with Cardiac Output and Blood Volume During Profound Blood Loss and Resuscitation. Annual Meeting, Society for Academic Emergency Medicine. San Francisco, CA. May 2000.
10. Denninghoff, KR. Injury Control Research Center: Diffuse Axonal Injury. Annual Meeting. Advanced Technology Applications to Combat Casualty Care. Fort Walton Beach, FL. September 2000.
11. Heaton C, Smith MH, Denninghoff KR, Hillman LW. Handheld four-wavelength eye oximeter. Ophthalmic Technologies X. Proceedings of SPIE 2000;3908: 227-233.

#### Other

1. Barbara Blum, Investigation of an Adhesive Albumin to Enhance Healing of Full-Thickness Skin Wounds, Ph.D. Dissertation, UAB, 2000. (D. Feldman Dissertation advisor)
2. Tom Barker, Modification of Fibrinogen with Polyethylene Glycol: Feasibility of a PEG-Fibrinogen Clotting System, M. S. Thesis, UAB, 2000. (D. Feldman Thesis advisor)

### 1999

#### Book Chapters

1. Fine PR, et al. Intentional Injury. In: Handbook of Health Promotion and Disease Prevention. DiClemente RJ, Raczynski JM, eds. New York, NY: Kluwer Academic/Plenum Publishers; 1999: 287-308.
2. Fine PR, et al. Unintentional Injury. In: Handbook of Health Promotion and Disease Prevention. DiClemente RJ, Raczynski JM, eds. New York, NY: Kluwer Academic/Plenum Publishers; 1999: 309-334.

## Manuscripts

1. McGwin G, Fine PR, et al. The epidemiology of fire related deaths in Alabama, 1992-1997. Am J Burn Care and Rehabil 1999;1: 75-84.
2. Elliott T, Shewchuk R, Richards JS. Caregiver social problem solving abilities and family member adjustment to recent-onset physical disability. Rehabil Psychol 1999;44: 104-123.
3. Elliott T. Social problem solving abilities and adjustment to recent-onset physical disability. Rehabil Psychol 1999;44: 315-332.
4. Pandit A, Ashar R, Feldman D. The effect of TGF- $\beta$  delivered through a collagen scaffold on wound healing. J. Invest Surg 1999;12:89-100.
5. Drewes JD, Smith MH, Denninghoff KR, Hillman LW. An instrument for the measurement of retinal vessel oxygen saturation. Optical Diagnostics of Biological Fluids IV. Proc. SPIE 199;3591:114-120.
6. Dakin GJ, Eberhardt AW, Alonso JE, Stannard JP, Mann KA. Acetabular Fracture Patterns: Associations with Motor Vehicle Crash Information. J Trauma 1999;47(6):1063-1071.

## Presentations

1. Yoels WC, Bartolucci AA, Horn WS. Referral to rehabilitation one year post injury- A comparative injury analysis. American Congress of Rehabilitation Medicine. Orlando, Florida. October 1999.
2. Elliott T, Kurylo M, Shewchuk R. Social problem solving abilities and gender differences in caregiver adjustment. Paper presented at the annual convention of the American Psychological Association. Boston, MA. August 1999.
3. Elliott T, Shewchuk R, Richards JS. Social problem solving abilities and caregiver adjustment over time. Paper presented at the annual convention of the American Psychological Association. Boston, MA. August 1999.
4. Kurylo M, Shewchuk RM, Elliott T. Project FOCUS: Training in Problem Solving for Caregivers of Patients with Spinal Cord Injuries. Annals of Behavioral Medicine 1999; 21: S153.
5. Shewchuk RM, Elliott T, Kurylo, M. Problem solving abilities predict caregiver adjustment following spinal cord injury: An extension and replication. Annals of Behavioral Medicine 1999; 21: S185.
6. Maisiak R, Fine PR, et al. Barriers to participation in state- federal vocational rehabilitation services for persons with musculoskeletal disability. Arthritis

Rheum. 1999;42 (suppl): S222.

7. White MB, Fine PR, et al. Factors associated with low vocational capability in persons with musculoskeletal-related work disability. Arthritis Rheum. 1999;42(suppl): S222.
8. Blum B, Huang S, Barker T, Barker S, Kilpadi D, Redden R, Feldman D. *In vivo* evaluation of an adhesive albumin used for incision closure. Transactions Society for Biomaterials 1999;25:43.
9. Feldman D, Barker T, Blum B, Kilpadi D, Redden R. Fibrin as a tissue adhesive and scaffold for meshed skin grafts in burn patients. Transactions Society for Biomaterials 1999;25:160.
10. Kilpadi D, Feldman D, Huang S. Shear strength of an albumin based tissue adhesive system. Trans. of the 10<sup>th</sup> Annual Materials Research Society of India 1999.