

1994-1998	American Society of Biomechanics.
1986-present	Chinese Society of Biomechanics.
1986-present	International Society of Biomechanics.

HONOR

1. Jo Ellen Levy Yates Professor, 2007
2. Honorary Professor, Shanghai University of Sport, 2007
3. Fellow of American College of Sports Medicine, 2003.
4. Research Consortium Fellow of American Alliance for Health, Physical Education, Recreation and Dance, 2002.
5. Student award, the 16th southern biomedical engineering conference, in Biloxi, Mississippi 1997.
6. Student award, the 9th International Engineering Foundation Conference on Biomechanics and Neural Control of Movement, Mt. Sterling, Ohio, 1996.
7. National Sports Science Development award (China), 1990.

JOURNAL EDITORIAL BOARD:

1. 2008, - present, Research Quarterly for Exercise and Sports, Biomechanics Section Editor
2. 2001 – present, Journal of Electromyography and Kinesiology

JOURNAL REVIEW:

1. Clinical Neurophysiology
2. European Journal of Applied Physiology
3. Journal of Applied Biomechanics
4. Journal of Applied Physiology
5. Journal of Biomechanics
6. Journal of Electromyography and Kinesiology
7. Journal of Gerontology
8. Journal of Motor Behavior
9. Medicine and Science in Sports and Exercise
10. Research Quarterly Exercise and Sport
11. Sport Biomechanics

PROFESSION SERVICE:

1. Member of the executive committee, Biomechanics Interest Group, American College of Sports Medicine, 2008 - present

2. Preside one communication session for the 2008 Annual meeting of American College of Sports Medicine in Indianapolis.
3. Reviewer for Scientific Conference of 2008 International Olympic Game
4. Past-president of Sigma Xi LSU Chapter 2007-2008
5. Preside three sessions for the 2007 Bi-annual meeting of International Society of Biomechanics in Taiwan;
6. Preside one communication session for the 2007 Annual meeting of American College of Sports Medicine in New Orleans.
7. Organized two sessions for the 2007 Bi-annual meeting of International Society of Biomechanics in Taiwan;
8. Ad-hoc member of scientific review committee for the 2007 Bi-annual meeting of International Society of Biomechanics in Taiwan.
9. President of Sigma Xi LSU Chapter 2006-2007
10. Organized a symposium for ACSM 2006: Evaluation of Interventions for Special Populations Using Biomechanical Outcomes, Denver, CO, June 1, 2006
11. Treasurer of Sigma Xi LSU Chapter 2005-2006
12. Organized a symposium for the annual meeting of Southeast Chapter of American College of Sports Medicine: Exercise and People with Peripheral Neuropathy, Charlotte, NC January, 2005
13. Chair of admission committee of Sigma Xi LSU Chapter 2004-2005
14. Secretary of Sigma Xi LSU Chapter 2004-2005
15. Organized a symposium for AAHPERD 2004: Sports Biomechanics – What Needed to be Communicated with Coaches and Athletes?, New Orleans, April, 2004
16. Section Chair person, SEACSM annual meeting, Atlanta, January, 2004
17. Organized a symposium for SEACSM 2004: Recent Development in Electromyography for Sports Medicine, Atlanta, GA, January 29 – 31, 2004
18. Organized a symposium for SEACSM 2003: Vision as an integral part of motor skill control, Atlanta, GA, January 30, 2003
19. Organized a colloquium for ACSM 2002: Recent Advance in EMG Techniques for Exercise and Sports Science, St. Louis, MO, June 1, 2002
20. Section Moderator, NASPSPA, St. Louis, June 8, 2001
21. Section Chair person, SEACSM annual meeting, Columbia, January, 2001
22. Organized the Biomechanics Students Symposium, SEACSM annual meeting, Columbia, January, 2001
23. Tutorial presentation, "Dynamical Systems Approach and Gait analysis", SEACSM annual meeting, Columbia, January, 2001
24. Section Chair person, ISBS, Hong Kong, June 26, 2000
25. Section Chair person, ACSM annual meeting, Indianapolis, May, 2000

EXTRAMURAL GRANTS (\$4,466,244 total):

1. PI, "LSU Peripheral Neuropathy Studies", \$300,000, donation from The Reilly Family Foundation for 2007 – 2010.

2. Co-Investigator, "Integration of Biomechanics into Equine and Comparative Biomedical and Orthopedic Research", \$170,000, funded by Louisiana Board of Regents for one year 2004-2005, LEQSF(2004-05)-ENH-TR-31.
3. Co-Investigator, "Improving Instruction in Musculoskeletal Functioning", \$49,140, funded by Louisiana Board of Regents for one year 2004-2005, LEQSF(2004-05)-ENH-TR-18.
4. Co-Investigator, "Enhancing the use of technology in the study of functional anatomy", \$37,200, funded by Louisiana Board of Regents for one year 2003-2004, LEQSF(2003-04)-ENH-TR-19.
5. Program director, "Occupational Medicine Research Center", \$3,700,100.00, funded by Louisiana Board of Regents for five years 2000-2005, Center Grant HEF (2000-05)-07.
6. Co-Investigator, "Age-Related Changes in Upperbody Coordination in Human Locomotion", \$209,804.00, funded by Whitaker Foundation for three years 2000-2002, RG-99-0097.

INTRAMURAL GRANTS (\$114,595 total):

1. LSU Council on Research 2004 Summer Stipend \$5000.00.
2. Travel fund of \$600.00 from the graduate school for traveling to ACSM 2002 (St. Louis, MO, May 29- June 1, 2002).
3. Co-Investigator, "Moving motion analysis into the 21st century", \$83,471.00, funded by Louisiana State University Student Technology Fee for one year 2000-2001.
4. Co-Investigator, "Enhance the instruction of the biomechanics through new technology", \$24,524.00 funded by Louisiana State University Student Technology Fee for one year 2001-2002.
5. Travel fund of \$1000.00 from the graduate school for traveling to ISB 2003 (Dunedin, New Zealand, July, 2003).

REGISTERED CLINICAL TRIALS CONDUCTED (TOTAL 3):

1. PI: ISRCTN20181108 - The effect of Neuragen® on neuropathic pain: Double-blind, placebo-controlled clinical trial (2007)
2. PI: ISRCTN13226601 - Neuragen® for the relief of neuropathic pain: a randomised, double-blind, placebo controlled clinical trial (2008)
3. PI: ISRCTN08911796 - Neuragen® for the relief of neuropathic pain part 2: a randomised, double-blind, placebo controlled clinical trial (2008)

STUDENTS MENTORED:

UNDERGRADUATE STUDENTS MENTORED (10 TOTAL):

(7 graduated, 3 current)

1. Rebecca Payne, Department of Biological Sciences, **LA-STEM research mentor**, 2008 – present;
2. Theodore Williams, Department of Biological Sciences, **LA-STEM research mentor**, 2008 – present;
3. Courtney Boss, Department of Chemistry, **LA-STEM research mentor**, 2006 – present;
4. Corey Black, Department of Biological Sciences, **LA-STEM research mentor**, 2007 – 2008 (*graduated with bachelor degree*);
5. Shinichi Amano, Department of Kinesiology, **research mentor**, 2006 – 2007 (*graduated with bachelor degree*);
6. Olivia Smith, Department of Kinesiology, **research mentor**, 2005 – 2006 (*graduated with bachelor degree*);
7. Alison Doherty, Department of Biological Sciences, **LA-STEM research mentor**, 2005 – 2008 (*graduated with bachelor degree*);
8. Lindsey Mooney, Department of Kinesiology, **research mentor**, 2001 – 2002 (*graduated with bachelor degree*);
9. Jason Miller, Department of Kinesiology, **research mentor**, 1999 – 2000 (*graduated with bachelor degree*);
10. Nathan Evans, Department of Kinesiology, **research mentor**, 1999 – 2000 (*graduated with bachelor degree*);

MASTER STUDENTS MENTORED (6 TOTAL):

(5 graduated, 1 current)

1. T. Tyler Clement, Department of Biological and Agricultural Engineering, **committee member**, 2006 – present
2. Michelle Osborn, Department of Anthropology, **committee member**, 2005 – 2008 (*graduated with master degree*);
3. Steve Leigh, Division of Physical Therapy, University of North Carolina, **committee member**, 2005 – 2006 (*graduated with master degree*);
4. Lorena Ogden, Department of Kinesiology, **committee Chair**, 2001 – 2004 (*graduated with master degree*);
5. Brian Baum, Department of Kinesiology, **committee Chair**, 2000 – 2003 (*graduated with master degree*);
6. Laurie Trapp, Department of Kinesiology, **committee Chair**, 1998 – 2001 (*graduated with master degree*);

DOCTORAL STUDENTS MENTORED (22 TOTAL):

(8 graduated, 10 current, 4 withdrew)

1. Behdad Tahayori, Department of Kinesiology, **committee chair**, 2007 – present;
2. Adrienne Brennan, Department of Psychology, committee member (Dean's representative), 2007 (*graduated with doctoral degree*);

3. Lin Xie, Department of Veterinary Clinical Science, **committee member**, 2006 – present;
4. Michelle Osborn, Department of Biological Sciences, **committee member**, 2006 – present
5. Zahra Kadivar, Department of Kinesiology, **committee member**, 2005 – present;
6. Bradley David Manor, Department of Kinesiology, **committee chair**, 2005 – present;
7. Andy Waldhelm, Department of Kinesiology, **committee chair**, 2004 – present;
8. Devon Dobrosielski, Department of Kinesiology, **committee member**, 2003 – 2007 (graduated with doctoral degree);
9. Arturo Arce, Department of Kinesiology, **committee member**, 2003 – 2008 (graduated with doctoral degree);
10. Taegyong Kwon, Department of Kinesiology, **committee member**, 2004 – present;
11. Jennene Grodesky, Department of Kinesiology, **committee member**, 2001 – 2003 (*switched discipline and then graduated with doctoral degree, 2006*);
12. Sue Leach, Department of Kinesiology, **committee member**, 2002 – 2007, **Co-chair**, 2007 - present;
13. Noelle Gerise MOreau, Department of Kinesiology, **committee Chair**, 2002 – 2007 (*graduated with doctoral degree*);
14. Mianfang Ruan, Department of Kinesiology, **committee Chair**, 2002 – 2007 (*graduated with doctoral degree*);
15. Yongqin Cui, Department of Kinesiology, **committee member**, 2002 – present;
16. Erik Robinson, Department of Kinesiology, **committee member**, 2002 – 2007, **Chair** 2007 – 2008 (*withdrew from the program*);
17. Michael A. Young, Department of Kinesiology, **committee Chair**, 2001 – present;
18. Michael William Olson, Department of Kinesiology, **committee Chair**, 2001 – 2006 (*graduated with doctoral degree*);
19. Ann Adams Reeder, Department of Kinesiology, **committee member**, 2000 – 2006 (*withdrew from the program*);
20. Alicia M Doyle, Department of Kinesiology, **committee Chair**, 2000 – 2001 (*withdrew from the program*);
21. Jennifer J Jeansonne, Department of Kinesiology, **committee member**, 1999 – 2004 (*graduated with doctoral degree*);
22. Raefel Reyes, Department of Kinesiology, **committee member**, 1999 – 2004 (*graduated with doctoral degree*);

INVITED PRESENTATION (23 total):

1. “Recent Development of EMG and Its applications”, Invited by Dr. Qing Wang and presented as keynote speech during the “2008 Annual Meeting of the

- Chinese Society of Biomechanics in Sports (Taiyuan, China, October 12 - 18, 2008)”.
2. “Tai Chi Research in the West: Past and Future”, invited by Professor Peixiang Qu and presented during the “International Chinese Martial Arts Forum (Shanghai, Oct 31 - Nov 2).”
 3. “Peripheral Neuropathy related functional impairments are reversible: exercise and its benefits”, invited by Dr. Richard Peleki and presented at the Baton Rouge Peripheral Neuropathy Patients Support Group Meeting, September 15, 2007
 4. “None Linear Analysis of Human Gait and Balance”, invited by Dr. Yu Liu and presented at the Graduate Seminar of Shanghai Sport University, July 18, 2007.
 5. “Tai Chi and Peripheral Neuropathy”, invited by Dr. Botao Yan and presented at Xi’An Sport University, July 16, 2007.
 6. “Functional Impairments of People with Peripheral Neuropathy”, invited by Dr. Guide Song and Presented to Tianjin Center for Disease Control, July 11, 2007.
 7. “Peripheral Neuropathy: Challenges in the Study of Posture and Gait”, invited by Dr. Christopher Knight and presented in the BIOMS Seminar as part of the 4th Annual CBER Research Day at University of Delaware, May 11, 2007.
 8. “The Development of Biomechanics in Sports Medicine Related Researches”, Invited by Dr. Weiheng Chen and presented as a research seminar at the Chinese Institute of Orthopaedics & Traumatology, Beijing, China, August, 24, 2005.
 9. “The influence of World Health Organization’s Functional Classification on Biomechanical Research”, invited by China Academy of Traditional Chinese Medicine and presented as research seminar presentation at the Academy on August 11 2005, in Beijing, China.
 10. “Locomotion stability and variability are independent from each other”, invited by Dr. Joseph Hamill as part of the Symposium: Dynamical Systems Analyses in Locomotion, in proceedings of the International Society of Biomechanics XIXth Congress, Dunedin, New Zealand, July 6 – 11, 2003, p. 237.
 11. "Vision as an Integral Part of Motor Skill Control and its Adaptation to Aging", invited by Dr. Cherry, as part of the symposium Multidimensional Issues in Aging, presented at the SEPA 2003 Convention, New Orleans, March 28, 2003
 12. “Current Trend in Biomechanics and its Application to Physical Education and Sports”, invited by the Faculty of Humanities and Education, University of Andes, Venezuela (June 14, 2002, Merida, Venezuela)
 13. “Interpretation of EMG data”, presented in the colloquium: Recent Advance in EMG Techniques for Exercise and Sports Science at the 2002 ACSM conference (May 29 - June 1, 2002, St. Louis, MO, USA).
 14. "Influence of Environment and Task Constraints on the Neuromuscular Control of Cycling Motion", invited by Dr. Kamen, as part of the symposium Motor Behavior: Neuromuscular Control in Sports Performance, presented at the AAHPERD 2001 Nation Convention, Cincinnati, March 27, 2001.
 15. "Task Specific Coordination of Leg Muscles during Cycling", Invited by Dr. Youling Hong, presented as a keynote lecture at the 2000 ISBS, Hong Kong, June 26, 2000. (Li, L. & G. Caldwell, 2000, Keynote lecture: Task Specific Coordination of Leg Muscles during Cycling, in Proceedings of XVIII

- International Symposium on Biomechanics in Sports, Published by The Chinese University of Hong Kong, June 25-30, 2000, Hong Kong, pp. 213-222)
16. "Bifurcation, Hysteresis and Gait Transition", invited by Dr. Hamill, as part of the mini-symposium of Variability and Stability: a Dynamical Systems Approach, presented at the 2000 ACSM annual meeting, Indianapolis, May, 2000.
 17. "Coordination of lower extremity musculature revealed by electromyography", invited by Dr. Kamen, presented at the AAHPERD 1998 Nation Convention, Reno, April 6, 1998
 18. "Coordination of lower extremity muscles during cycling", invited by Dr. Woollocott, presented at Research Seminar of the Motor control laboratory, University of Oregon, Eugene, Nov. 12, 1997.
 19. "Walking and running in the gait transition region: Comparison of coordination patterns", invited by Dr. van Emmerik, presented at The 1997 North American Meeting of the International Society for Ecological Psychology, Amherst, Mar. 29, 1997.
 20. "Muscular coordination during In-Line Skating", invited by Dr. Freedson, presented at the New England American College of Sports Medicine Annual meeting, Boxborough, Massachusetts, Nov. 7, 1996.
 21. "Computer simulation and Biomechanics", invited by Dr. Kamen, presented to the class of Introduction to Exercise Science, Department of Exercise Science, University of Massachusetts, Amherst, Oct. 30, 1996.
 22. "Application of Biomechanics Research in Equine Science", invited by Dr. Hamill, presented at the Doctoral Seminar of Department of Exercise Science, University of Massachusetts, Amherst, Oct. 8, 1996.
 23. "Equine Biomechanics and Related Issues", invited by Dr. Black, presented at the Research Seminar of Department of Animal and Veterinary Science, University of Massachusetts, Amherst, Oct. 2, 1996.

PAPER INPREPARATION FOR PUBLICATION (5 total):

1. AD. Nimbarte, L. Li. Effect of Weight on the Walk-to-Run Transition speed and the Vertical Ground Reaction Force Characteristics
2. A. Waldhelm, L. Li, The differentiation of gait stability and variability among young and older adults at different walking speeds
3. A. Doherty, B. Manor, L. Li. The Effects of Peripheral Neuropathy on Selected Physical Function Measures
4. A. McLellan, L. Li, B. Manor, The effect of Neuragen® on Neuropathic pain: A randomized, double-blind, placebo controlled clinical trial
5. B. Manor, L. Li, Long Term Tai Chi Exercise Improves Physical Performance among People with Peripheral Neuropathy.

PAPER SUBMITTED TO PEER REVIEWED JOURNAL FOR PUBLICATION (4 total):

1. B. Manor, L. Li, Characteristics of Functional Gait among Older Adults with and without Peripheral Neuropathy, submitted to **Gait & Posture** for publication. (Submitted September 25, 2008)
2. B. Manor, P. Wolenski, L. Li, Faster Walking Speeds Increase Local Instability among People with Peripheral Neuropathy, submitted to **Journal of Biomechanics** for publication. (Submitted April 3, 2008; revision submitted, May 23, 2008, second revision submitted, June 30, 2008)
3. N. Moreau, L. Li, JP. Geaghan, DL. Damiano, Contributors to Fatigue Resistance of the Hamstrings and Quadriceps in Cerebral Palsy, submitted to **Clinical Biomechanics** for publication. (Submitted March 14, 2008)
4. B. Manor, L. Li, A. McLellan, The Effects of Neuragen® and Tai Chi on Pain and Physical Performance in Peripheral Neuropathy, A Pilot Study, submitted to **Journal of Alternative and Complementary Medicine** for publication. (Submitted March 23, 2007)

**PAPER ACCEPTED FOR PUBLICATION BY PEER REVIEWED
JOURNAL (3 total):**

1. B. Manor, P. Wolenski, A. Guevara, L. Li, Differential effects of plantar desensitization on locomotion dynamics, submitted to **Journal of Electromyography and Kinesiology** for publication. (Submitted March 12, 2008; revision, May 8, 2008, minor revision, June 13, 2008, accepted, June 16, 2008)
2. N. Moreau, L. Li, DL. Damiano, Fatigue Resistance during a Voluntary Performance Task is Associated with Lower Levels of Mobility in Cerebral Palsy, accepted by **Achieves of Physical Medicine** for publication (minor revision, March 12, 2008, accepted, March 18, 2008).
3. MW. Olson, L. Li, M. Solomonow, Interaction of Viscoelastic Tissue Compliance with Lumbar Muscles during Passive Cyclic Flexion-Extension, accepted for publication by **Journal of Electromyography and Kinesiology**. (accepted, June 16, 2007)

PUBLICATIONS IN PEER REVIEWED JOURNALS (36 total):

1. B. Manor, A. Doherty, L. Li (2008) The reliability of physical performance measures in peripheral neuropathy, *Gait & Posture*, 28 (2), pp. 343-346.
2. S. Leigh, MT. Gross, L. Li, B Yu (2008) The relationship between discus throwing performance and combinations of selected technical parameters, *Sports Biomechanics*, 7(2), pp. 172-192.
3. M. Ruan & L. Li. (2008) Influence of a horizontal approach on the mechanical output during drop jumps, *Research Quarterly for Exercise and Sport*, 79(1), pp. 1-9.
4. Li, L., MW. Olson, JB. Winchester (2008) A Proposed Method for Determining Peak Power in the Jump Squat Exercise, *Journal of Strength & Conditioning Research*. 22(2), pp. 326-331.

5. Moreau, N., L. Li, D. Damiano (2008) A Feasible and Reliable Muscle Fatigue Assessment Protocol for Individuals with Cerebral Palsy, *Pediatric Physical Therapy*. 20(1), pp. 59-65.
6. Li, L., N. Patel, D. Solomonow, P. Le, H. Hoops, D. Gerhardt, K. Johnson, BH. Zhou, Y. Lu, & M. Solomonow. (2007) Neuromuscular Response to Cyclic Lumbar Twisting, *Human Factors*, Vol. 49 (5), pp. 820–829.
7. Hong, S. L., B. Manor, L. Li. (2007) Stance and Sensory Feedback Influence on Postural Dynamics, *Neuroscience Letters*, Vol. 423, pp. 104-8.
8. Olson, M. W., M. Solomonow, L. Li. (2006) Flexion-relaxation response to gravity, *Journal of Biomechanics*. Vol. 39 (14), pp. 2545-54.
9. Young, M. A., L. Li (2005) Determine of Critical Parameters among Elite Female Shot Putters, *Sports Biomechanics*. Vol. 4 (2), pp. 131-148.
10. Li, L., JM. Haddad, J. Hamill (2005) Stability and variability may respond differently to changes in walking speed, *Human Movement Science*. Vol. 24(2), pp. 257-267.
11. Moreau, N., S. Tinsley, L. Li (2005) Progression of knee joint kinematics in children with Cerebral Palsy with and without rectus femoris transfers: a long-term follow up, *Gait & Posture*. Vol. 22(2), pp. 132-137
12. Thelen, DG., ES. Chumanov, DM. Hoerth, TM. Best, SC. Swanson, L. Li, M. Young, BC. Heiderscheit (2005) Hamstring Muscle Kinematics during Treadmill Sprinting, *Medicine and Science for Sports and Exercise*, Vol. 37 (1), pp 108-114.
13. Li, L. BS. Baum (2004) Electromechanical delay estimated by using electromyography during cycling at different pedaling frequencies, *Journal of Electromyography and Kinesiology*, Vol. 14 (6), pp. 647-652.
14. Olson, M. W., M. Solomonow, L. Li. (2004) Flexion-Relaxation Response to Cyclic Lumbar Flexion, *Clinical Biomechanics*, Vol.19 (8), pp 769-776.
15. Lu, D. M. Solomonow, B. Zhou, R.V. Baratta, L. Li. (2004) Frequency dependent changes in neuromuscular response to cyclic lumbar flexion, *Journal of Biomechanics.*, Vol.37 (6), pp. 845-855.
16. Li, L. (2004), Neuromuscular Control and Coordination during Cycling, *Research Quarterly for Exercise and Sport*, Vol. 75(1), pp. 16-22.
17. Baum, B., L. Li (2003), Lower extremity muscle activities during cycling are influenced by load and frequency, *Journal of Electromyography and Kinesiology*, Vol. 13(2), pp. 181-190.
18. Maraj, B. K. V., L. Li, R. Hillman, J. J. Jeansonne (2003), Verbal and visual instruction in motor skill acquisition for persons with and without Down syndrome, *Adapted Physical Activity Quarterly*, Vol. 20(1), pp. 57-69.
19. Li, L., D. Landin, J. Grodesky, J. Myers (2002), Gastrocnemius Function as Knee Flexor at Selected Knee and Ankle Angles, *Journal of Electromyography and Kinesiology*, Vol. 12(5), pp. 385-390.
20. Li, L., J. Hamill (2002), Characteristics of Vertical ground reaction forces before gait transition, *Research Quarterly for Exercise and Sport*,
21. Lagarde, J., L. Li, B. Thon, R. Magill, E. Erhani (2002). Interactions between human explicit and implicit perceptual motor learning shown by kinematic variables, *Neuroscience Letters*, Vol. 327 (1), pp. 66-70.
22. Li, L. (2000). Stability Landscape of walking and running near gait transition speed, *Journal of Applied Biomechanics*, Vol. 16 (4), pp. 428-435.

23. Esecobar, C. B., J. Hidding, L. Li (2000). The effects of prosthetics on the Quality of life, *LAHPERD Journal*, Vol. 63 (2), pp. 7-9, 26.
24. Sirard, J. R., E. L. Melanson, L. Li, P. S. Freedson (2000). Field evaluation of the Computer Science and Applications, Inc. physical activity monitor, *Medicine & Science in Sports & Exercise* Vol. 32, pp. 695-700.
25. Caldwell, G. E. and L. Li (2000). How strongly is muscle activity controlled by joint moments? *Motor Control* Vol. 4, pp. 53-59.
26. Li L. and G. E. Caldwell (1999). Coefficient of Cross Correlation and the time domain correspondence, *Journal of Electromyography and Kinesiology* Vol. 9, pp. 385-389.
27. Hamill, J., R. E. A. van Emmerik, B.C. Heiderscheit, L. Li (1999). A dynamical system approach to lower extremity running injuries, *Clinical Biomechanics* Vol. 14, pp. 297-308.
28. Li, L., E. van den Bogert, G. E. Caldwell, R. van Emmerik and J. Hamill (1999). Coordination patterns of walking and running at similar speed and stride frequency, *Human Movement Science* Vol. 18, pp. 67-85.
29. Caldwell, G. E., J. M. Hagberg, S. D. McCole and L. Li (1999). Lower extremity joint moments during uphill cycling, *Journal of Applied Biomechanics* Vol. 15, pp. 166-181.
30. Caldwell, G. E., L. Li, S. D. McCole and J. M. Hagberg (1998). Pedal and Crank kinetics in uphill cycling, *Journal of Applied Biomechanics* Vol. 14, pp. 245-259.
31. Li, L. and G. E. Caldwell (1998). Muscular Coordination in Cycling: Effect of Surface Incline and Posture, *Journal of Applied Physiology* Vol. 85, pp. 927-934.
32. Li, L., T.R. Derrick, and W. Kroll (1997). EMG response of agonists and antagonists to fatigue in knee muscles during isometric contractions, *Clinical Kinesiology*, Vol.51, No. 3, pp. 52-57.
33. Li, L. (1990). A biomechanical research on cycling technique, *Sports Science (China)*, Vol. 10, No. 1, pp. 67-69.
34. Li, L. and X. Y. Wang (1986). How to choose the frame of racing bicycle, *Shanxi Sports Science (China)*, No. 1, pp. 1-5.
35. Li, L. and X. Y. Wang (1986). The relative proportion of the human body, *Journal of Tianjin Institute of Physical Education*, No. 1, pp. 1-3.
36. Zhang, J. Z. and L. Li (1986). The synchronous collecting system of photo, EMG, and force for human movement, *Teaching and Research of Physical Education (China)*, No. 1, pp. 42-47.

BOOK CHAPTERS (3 total):

1. J. Hamill, J. M. Haddad, B. C. Heiderscheit, R. E. A. Van Emmerik, L. Li. (2005) Clinical Relevance of Coordination Variability, in: *Movement System Variability*, Edited by Keith Davids, Simon J. Bennett and Karl M. Newell, Human Kinetics: Champaign, IL, USA, 153-66.
2. Li, L. G. Caldwell (2002) Task Specific Coordination of Leg Muscles during Cycling, In: *International Research in Sports Biomechanics*, Y. Hong (ed), Routledge, New York, USA. 243-55.

3. Kfoury, G., F. Aghazadeh, SM. Waly, L. Li (2001) Stair riser height and the impact force, In: *Advances in Occupational Ergonomics and Safety*, A. C. Bittner, Jr., P. C. Champaney, S. J. Morrissey, (Eds.). IOS Press, Washington, DC, USA, 490-7.

CONFERENCE PROCEEDINGS (95 total):

1. Heil, DP, C. Black, M. Duet, L. Li (2008) Predicting Activity Energy Expenditure With Activity Monitors in Adults With Peripheral Neuropathy, in proceedings of the 2008 ACSM conference (May 28 – 31, 2008, Indianapolis, IN, USA), *Medicine & Science in Sports & Exercise*. 40 (5): S199.
2. Black, C., M. Duet, DP. Heil, L. Li (2008) Activity Energy Expenditure is Under-Predicted for Walking in Adults in Peripheral Neuropathy, in proceedings of the 2008 ACSM conference (May 28 – 31, 2008, Indianapolis, IN, USA), *Medicine & Science in Sports & Exercise*. 40 (5): S199.
3. Duet, M., DP. Heil, C. Black, JM. Hondzinski, L. Li (2008) Physical Activity Monitor Recordings are Task and Population Dependent, in proceedings of the 2008 ACSM conference (May 28 – 31, 2008, Indianapolis, IN, USA), *Medicine & Science in Sports & Exercise*. 40 (5): S120.
4. Li, L., B. Manor (2008) Tai Chi Improves Foot Sole Sensation, Balance and Functional Mobility for People with Peripheral Neuropathy, in proceedings of the 2008 ACSM conference (May 28 – 31, 2008, Indianapolis, IN, USA), *Medicine & Science in Sports & Exercise*. 40 (5): S119.
5. Amano, S., N. Shah, R. Magill, JM. Hondzinski, L. Li (2008) People with Peripheral Neuropathy Have Normal Motor Control Capacity, in proceedings of the 2008 ACSM conference (May 28 – 31, 2008, Indianapolis, IN, USA), *Medicine & Science in Sports & Exercise*. 40 (5): S88.
6. Manor, B., L. Li (2008) Peripheral Neuropathy Alters Variability but not Finite-Time Lyapunov Exponents during Treadmill Walking, in proceedings of the 2008 ACSM conference (May 28 – 31, 2008, Indianapolis, IN, USA), *Medicine & Science in Sports & Exercise*. 40 (5): S119.
7. Courtney, B., B. Manor, L. Li (2008) Selected Function Performance in Healthy Young and Old, as well as People with Peripheral Neuropathy, in proceedings of the 2008 ACSM conference (May 28 – 31, 2008, Indianapolis, IN, USA), *Medicine & Science in Sports & Exercise*. 40 (5): S88.
8. Manor, B., O. Smith, A. Guevara, P. Wolenski, L. Li (2007) The Effects of Plantar Desensitization on the Variability and Local Stability of Treadmill Walking in Healthy Adults, in proceedings of the XXI Congress, International Society of Biomechanics, (July 1-5, 2007, Taipei, Taiwan), *Journal of Biomechanics*, 40(S2): S208.
9. Doherty, A., L. Li, B. Manor. (2007) The Effects of Peripheral Neuropathy on Physical Function, in proceedings of the XXI Congress, International Society of Biomechanics, (July 1-5, 2007, Taipei, Taiwan), *Journal of Biomechanics*, 40(S2): S289.

10. Li, L., PM, Cheung, D. Chu (2007) Characteristics of Selected Tai Chi Movement, in proceedings of the XXI Congress, International Society of Biomechanics, (July 1-5, 2007, Taipei, Taiwan), *Journal of Biomechanics*, 40(S2): S458.
11. Manor, B., O. Smith, L. Li. (2007) The Effect of Plantar Cutaneous Desensitization on Upright Posture and Gait Variability, in proceedings of the 2007 ACSM conference (May 30 – June 2, 2007, New Orleans, LA, USA), *Medicine & Science in Sports & Exercise*. 39(5): S140.
12. Ruan MF, Z. Kadivar, L. Li (2007) A Gait Analysis of a Patient with Peripheral Nerve Injury, in proceedings of the 2007 ACSM conference (May 30 – June 2, 2007, New Orleans, LA, USA), *Medicine & Science in Sports & Exercise*. 39(5): S151.
13. Li, L., B. Manor, A. Doherty (2007) Differential effects of Interventions on Gait and Balance among People with Peripheral Neuropathy, in proceedings of the 2007 ACSM conference (May 30 – June 2, 2007, New Orleans, LA, USA), *Medicine & Science in Sports & Exercise*. 39(5): S264.
14. Arce Esquivel, AA., DA. Dobrosielski, B. Manor, L. Li, A. Doherty, R. Nester, MA. Welsch (2007) Linking Vascular Functional Ability in Individuals with Peripheral Neuropathy, in proceedings of the 2007 ACSM conference (May 30 – June 2, 2007, New Orleans, LA, USA), *Medicine & Science in Sports & Exercise*. 39(5): S333.
15. Moreau N, Li L, Damiano L. Are muscle strength and fatigue related to walking velocity in individuals with and without cerebral palsy? In proceedings of the Combined Gait & Clinical Movement Analysis Society/European Society of Movement Analysis for Adults and Children Meeting, September 27-30, 2006, Amsterdam, The Netherlands. *Gait & Posture*, 24, Supplement (2), S257-S258.
16. Ruan, MF and L. Li (2006) The Influences of Approach Run on Muscular Coactivation during Drop Jumps, in proceedings of the 2006 ACSM conference (May 30 – June 3, 2006, Denver, CO, USA), *Medicine & Science in Sports & Exercise*. 38(5): S263.
17. Manor BD, Doherty A, Zhuang Y, Li L. (2006). Peripheral neuropathy patients benefit more with Tai Chi training. *Journal of Sport and Exercise Psychology*. 28: S126.
18. Waldhelm, A and L. Li (2006) Gait Stability and Variability of Young and Older Adults at Different Speeds, in proceedings of the 2006 ACSM conference (May 3 – June 3, 2006, Denver, CO, USA), *Medicine & Science in Sports & Exercise*. 38(5): S263.
19. Olson, MW and L. Li (2006) Increased Lumbar Passive Tissue Compliance as a Function of Continuous Passive Trunk Flexion-Extension Exercise, in proceedings of the 2006 ACSM conference (May 3 – June 3, 2006, Denver, CO, USA), *Medicine & Science in Sports & Exercise*. 38(5): S260.
20. Harrison, L., Z. Gao, W. K. Rotich, L. Li, and M. Young (2006) Perception of Differences Between Black- and White- Players' Movements in Basketball, submitted to 2006 AAHPERD annual meeting, (April 20 – 29, 2006, Salt Lake City, UT, USA).
21. Ruan, M. and L. Li (2005) The influence of approach run on muscle activity during drop jump, in proceedings of 2005 ISBS conference (August 22-27, 2005, Beijing, China).
22. Li, L. and B. Baum (2005) Lower extremity EMG patterns during cycling changed with both pedaling frequency and additional loading, in proceedings of 2005 ISBS conference (August 22-27, 2005, Beijing, China).

23. Li, L. and R. Cropper (2005) Body weight support system influence on the patterns of vertical forces applied to the body, in proceedings of 2005 ISB conference (August 1-5, 2005, Cleveland, OH).
24. Olson, M. and L. Li (2005) Activation patterns of trunk muscles during cyclic flexion-extension, in proceedings of 2005 ISB conference (August 1-5, 2005, Cleveland, OH).
25. Nimbarte, A. and L. Li (2005) The Ground Reaction Forces And The Gait Transitional Behavior Relationship Is Influenced By Additional Weight, in proceedings of the 2005 ACSM conference (June 1 - 4, 2005, Nashville, TN, USA), MSSE (May, 2005 supplement), p. s159.
26. Welsch, M. A., A. A. Arce, D. Dobrosielski, R. H. Wood and L. Li (2005) Exercise Therapy In Patients With Peripheral Neuropathy, in proceedings of the 2005 ACSM conference (June 1 - 4, 2005, Nashville, TN, USA), MSSE (May, 2005 supplement), p. s364.
27. Ruan, M. and L. Li (2005) The Power Output Of Drop Jump Is Greater With Approach Run, in proceedings of the 2005 ACSM conference (June 1 - 4, 2005, Nashville, TN, USA), MSSE (May, 2005 supplement), p. s392.
28. Landin, D. and L. Li (2005) The Role of the Rectus Femoris in Hip Flexion, in proceedings of the 2005 ACSM conference (June 1 - 4, 2005, Nashville, TN, USA), MSSE (May, 2005 supplement), p. s393.
29. L. Li and Young, M. A. (2005) Dynamic Gait Capability And Postural Stability Were Not Correlated Among Peripheral Neuropathy Patients, in proceedings of the 2005 ACSM conference (June 1 - 4, 2005, Nashville, TN, USA), MSSE (May, 2005 supplement), p. s418.
30. Young, M. A. and L. Li (2005) Effect Of Exercise On Strength, Balance, And Functional Ability Indices In Peripheral Neuropathy Patients, in proceedings of the 2005 ACSM conference (June 1 - 4, 2005, Nashville, TN, USA), MSSE (May, 2005 supplement), p. s419.
31. Winchester, J. B., M. W. Olson, and L. Li (2005) A proposed method for determining peak power in the jump squat exercise. in proceedings of the National Strength and Conditioning Association – National Conference: (Jul 6 – 9, 2005, Las Vegas, NV)
32. Hondzinski, J. M., Y. Cui, and L. Li (2005) Whole-body Coordination in Peripheral Neuropathy Patients Correlates with Dynamic Gait Indices, accepted by NASPSPA for presentation.
33. L. Li (2005) Exercise and People with Peripheral Neuropathy- Balance and Gait, Proceedings of the annual meeting of Southeast Chapter of American College of Sports Medicine (Jan 27-29, 2005, Charlotte, NC, USA)
34. Young, M. A. and L. Li (2005) Principle Components Analysis on the Kinematic Parameters of Elite Women Shot Putters, Proceedings of the annual meeting of Southeast Chapter of American College of Sports Medicine (Jan 27-29, 2005, Charlotte, NC, USA)
35. Cui, Y., JM. Hondzinski, L. Li. (2004) Comparing Reaches in Peripheral Neuropathy Patients: Standing vs. Stepping, in proceedings of the 34th Annual Meeting of Society for Neuroscience (Oct. 23 – 27, San Diego, CA, USA)
36. Li, L. and M. Ruan (2004) Simple Control of Lower Extremity Motion during Locomotion Revealed by Kinematic Simulation, in proceedings of the 2004 ACSM

- conference (June 2 - 5, 2004, Indianapolis, IN, USA), MSSE (May, 2004 supplement), p. s57.
37. Olson, M. W. and L. Li (2004) Decreased Electromyography Frequency in Paraspinal Muscles during Sustained Cyclic Trunk Flexion-Extension, in proceedings of the 2004 ACSM conference (June 2 - 5, 2004, Indianapolis, IN, USA), MSSE (May, 2004 supplement), p. s178.
 38. Young, M A., S. C. Swanson, and L. Li (2004) Pelvic Tilt Kinematics Change With Increased Sprinting Speed, in proceedings of the 2004 ACSM conference (June 2 - 5, 2004, Indianapolis, IN, USA), MSSE (May, 2004 supplement), p. s267.
 39. Landin, D., J. Myers, J. Porter, and L. Li (2004) The Biceps Brachii's Role in Shoulder Flexion, in proceedings of the 2004 ACSM conference (June 2 - 5, 2004, Indianapolis, IN, USA), MSSE (May, 2004 supplement), p. s345.
 40. Welsch, M. A., E. Tisdell, Z. Bahadir, and L. Li (2004) Influence of Vascular Function on VO₂ Off-Kinetics, in proceedings of the 2004 ACSM conference (June 2 - 5, 2004, Indianapolis, IN, USA), MSSE (May, 2004 supplement), p. s24.
 41. Arce, A. A., D. A. Dobrosielski, L. Li, J. D. Allen, and M. A. Welsch (2004) Temporal Responses of the Brachial Artery Following Forearm Occlusion, in proceedings of the 2004 ACSM conference (June 2 - 5, 2004, Indianapolis, IN, USA), MSSE (May, 2004 supplement), p. s60.
 42. Reyes, R. A., M. Alomari, S. Zabic, L. Li, M. Welsch, and R. Wood (2004) Post-exercise Hypotension after Resistance Exercise and Diminished Sympathetic Vascular Responsiveness in Older Women, in proceedings of the 2004 ACSM conference (June 2 - 5, 2004, Indianapolis, IN, USA), MSSE (May, 2004 supplement), p. s190.
 43. Dobrosielski, D. A., A. A. Arce, L. Li, J. D. Allen, and M. A. Welsch (2004) Comparison of Temporal Responses of the Brachial Artery Following Forearm Occlusion In Younger Vs. Older Adults, in proceedings of the 2004 ACSM conference (June 2 - 5, 2004, Indianapolis, IN, USA), MSSE (May, 2004 supplement), p. s291.
 44. Li, L. (2004) Interpretation of Electromyography, in the symposium of "Recent Development in Electromyography for Sports Medicine" organized by L. Li, in proceedings of the 2003 SEACSM conference (Jan. 29 – 31, 2003, Atlanta, Georgia, USA), p. 1.
 45. Li, L. and M. Olson (2004) Flexion-Relaxation Phenomenon in Relation with Ligament Creep and Micro Damage, in proceedings of the 2003 SEACSM conference (Jan. 29 – 31, 2003, Atlanta, Georgia, USA), p. 44.
 46. Cropper, R and L. Li (2004) Fluctuations of Measured Suspension Force and its Deviation from Prescribed Body Weight Support during Walking, in proceedings of the 2003 SEACSM conference (Jan. 29 – 31, 2003, Atlanta, Georgia, USA), p. 44.
 47. Young, M and L. Li (2004) Greater Rear Knee Flexion Identified as Critical Factor for Elite Women Shot Putters, in proceedings of the 2003 SEACSM conference (Jan. 29 – 31, 2003, Atlanta, Georgia, USA), p. 35.
 48. Olson, M and L. Li (2004) Cyclic Flexion-Extension Induces Increased Silence during Flexion-Relaxation, in proceedings of the 2003 SEACSM conference (Jan. 29 – 31, 2003, Atlanta, Georgia, USA), p. 34.
 49. Jeansonne, J. J., L. Li and R. A. Magill (2003) The biomechanics of dart throwing: the effect of environmental context on learning, in proceedings of the International

- Society of Biomechanics XIXth Congress, Dunedin, New Zealand, July 6 – 11, 2003, p. 182.
50. Olson, M. W. and L. Li (2003) Evidence for the induction of spinal ligament creep during cyclic flexion-extension, in proceedings of the International Society of Biomechanics XIXth Congress, Dunedin, New Zealand, July 6 – 11, 2003, p. 305.
 51. Li, L. (2003) The re-organization process during walk to run gait transition, in proceedings of the 2003 NASPSPA conference (June 5 – 7, Savannah, GA, USA), *J of Sport & Exercise Psychology* (Vol. 25 supplement), p. s90
 52. Li, L. and B. Baum (2003) Electrical mechanic delays measured by peak muscular activities during cycling with different cadences, in proceedings of the 2003 ACSM conference (May 28 - 31, 2003, San Francisco, CA, USA), *MSSE* (May, 2003 supplement), p. s266
 53. Reyes, R., M Alomari, S. Brady, L. Li, M. Welsch, and R. Wood (2003) Hemodynamic response following resistance exercise in young and older adult women, in proceedings of the 2003 ACSM conference (May 28 - 31, 2003, San Francisco, CA, USA), *MSSE* (May, 2003 supplement), p. s245
 54. Baum, B. and L. Li (2002) Investigating the differences between inertial and cadence effects on neuromuscular coordination during cycling, in proceedings of the IV World Congress of Biomechanics (August 4-9, 2002, Calgary, Alberta, Canada).
 55. Grodesky, J, L. Li and J. Hondzinski (2002) Variability and Stability Change with Walking Velocity - What is the Relationship Between the Two? in proceedings of the IV World Congress of Biomechanics, (August 4-9, 2002, Calgary, Alberta, Canada).
 56. Jeansonne, J. J., L. Li and R. A. Magill. (2002) The biomechanics of dart throwing: changes during practice, in proceedings of the IV World Congress of Biomechanics, (August 4-9, 2002, Calgary, Alberta, Canada).
 57. Li, L. (2002) Different Gait Patterns can be Classified by Using Muscular Activity Patterns, in proceedings of the IV World Congress of Biomechanics, (August 4-9, 2002, Calgary, Alberta, Canada).
 58. Ogden, L. and L. Li (2002) Unique Muscle Activity Patterns Observed during Gait Transitions, in proceedings of the IV World Congress of Biomechanics, (August 4-9, 2002, Calgary, Alberta, Canada).
 59. Landin, D., L. Li, J. Grodesky, and J. Myers (2002) The Role of the Gastrocnemius in Knee Flexion, in proceedings of the 2002 ACSM conference (May 29 - June 1, 2002, St. Louis, MO, USA), *MSSE* (May, 2002 supplement), p. s177
 60. Grodesky, J. and L. Li (2002) Reliability Tests for Locomotion Variability and Stability, In proceedings of the 2002 SEACSM conference (Jan. 31 – Feb. 2, 2002, Atlanta, Georgia, USA).
 61. Ogden, L. and L. Li (2002) Influence of mode and speed of locomotion on the speed of a treadmill belt, In proceedings of the 2002 SEACSM conference (Jan. 31 – Feb. 2, 2002, Atlanta, Georgia, USA).
 62. Mooney, L., B. Baum and L. Li (2002) Frequency and load effects on lower extremity cycling kinematics, In proceedings of the 2002 SEACSM conference (Jan. 31 – Feb. 2, 2002, Atlanta, Georgia, USA).
 63. Li, L. (2001). Comparison of Vertical Ground Reaction Forces before and after Gait Transition, In proceedings of the International Society of Biomechanics 2001 annual meeting (Zurich, Switzerland, Jul. 8-13, 2001), p. 278.

64. Li, L. (2001). Differences between subjective and objective determined gait transition speeds, in proceedings of the 2001 NASPSPA conference (Jun. 7 - 9, 2001, St. Louis, Missouri, USA), *J. Sports & Exer. Psych.* (Vol. 23 supplement), p. s61.
65. Li, L. (2001). Ground reaction Forces during Run to Walk transition, in proceedings of the 2001 ACSM conference (May 30 - June 2, 2001, Baltimore, Maryland, USA), *MSSE* (May, 2001 supplement), p. s236
66. Li, L. (2001). Characteristics of Vertical Ground Reaction Forces before and after the Walk to Run Transition, in proceedings of the 2001 SEACSM conference (Jan. 25 - 27, 2001, Columbia, South Carolina, USA).
67. Trapp, L. and L. Li (2000). Equilibrium point of knee joint during running at different speeds, in proceedings of the 2000 NASPSPA conference (Jun. 8 - 10, 2000, San Diego, California, USA), *J. Sports & Exer. Psych.* (Vol. 22 supplement), p. s106.
68. Miller, J. and L. Li (2000). Gait transition speeds with different acceleration, in proceedings of the 2000 NASPSPA conference (Jun. 8 - 10, 2000, San Diego, California, USA), *J. Sports & Exer. Psych.* (Vol. 22 supplement), p. s79.
69. Li, L. and R. E. A. van Emmerik (2000). Variability landscape at the gait transition speeds, in proceedings of the 2000 NASPSPA conference (Jun. 8 - 10, 2000, San Diego, California, USA), *J. Sports & Exer. Psych.* (Vol. 22 supplement), p. s70.
70. Li, L. and T. Derrick (2000). The equilibrium points of a mass-spring model of running while using different stride lengths, in proceedings of the 2000 NASPSPA conference (Jun. 8 - 10, 2000, San Diego, California, USA), *J. Sports & Exer. Psych.* (Vol. 22 supplement), p. s69.
71. Johnson, J. L. and L. Li (2000). Gait transition between walking and running, comparing treadmill to ground locomotion, in proceedings of the 2000 NASPSPA conference (Jun. 8 - 10, 2000, San Diego, California, USA), *J. Sports & Exer. Psych.* (Vol. 22 supplement), p. s56.
72. Doyle, A. M. and L. Li (2000). The effects of vision, gait speed, and gait modes on head range of motion, in proceedings of the 2000 NASPSPA conference (Jun. 8 - 10, 2000, San Diego, California, USA), *J. Sports & Exer. Psych.* (Vol. 22 supplement), p. s35.
73. Reyes, R. R. Wood, M. A. Welsch, L. Li, L. Johnson, and C. M. Lee (2000). Effects of physical training modelities on functional fitness in older adults, In proceedings of the 2000 annual meeting of ACSM (May 31 - June 3, 2000, Indianapolis, Indiana, USA), *MSSE* (May, 2000 supplement), p. s258.
74. Li, L. (1999). Modeling the interaction between upper and lower body during walking, In proceedings of the International Society of Biomechanics 1999 annual meeting (Calgary, CA, Aug. 8-13, 1999), p. 573.
75. Li, L., B. Maraj (1999). A new method of phase plot quantification, In proceedings of the 1999 annual meeting of NASPSPA (June, 10-12, 1999, Clearwater Beach, Florida, USA), *JSEP* (June, 1999, supplement), p. s75.
76. Li, L., (1999). Equilibrium point and knee joint modeling, In Proceedings of the ASME International Mechanical Engineering Congress and Exposition: Advances in Bioengineering, Nashville, TN, ISBN: 0-7918-1640-0, pp. 299-300.
77. Trapp, L. M., L. Li (1999). The effect of running velocity on different stiffness of the knee joint during running stance phase, In proceedings of the 1999 annual meeting of

- ACSM (June, 2-5, 1999, Seattle, Washington, USA), MSSE (May, 1999 supplement), p. s358.
78. Li, L., L. M. Trapp (1999). Knee stiffness measurement during running at different frequencies, In proceedings of the 1999 annual meeting of ACSM (June, 2-5, 1999, Seattle, Washington, USA), MSSE (May, 1999 supplement), p. s304.
 79. Li, L., G. Caldwell (1998). Identification of phase shift using cross correlation, In: Proceeding of North American Conference of Biomechanics (August 14-17, 1998, Waterloo, Canada).
 80. Li, L., R. van Emmerik, E. van Wegen, J. Haddad, G. Caldwell (1998). Comparison of lower extremity coordination in the gait transition region, In proceedings of the 1998 annual meeting of ACSM (June, 3-June 6, 1998, Orlando, Florida, USA), MSSE (May, 1998 supplement), p. s336.
 81. E. van Wegen, R. van Emmerik, Li, L., J. Haddad (1998). Arm coordination dynamics in the walk to run transition region, In proceedings of the 1998 annual meeting of ACSM (June, 3-June 6, 1998, Orlando, Florida, USA), MSSE (May, 1998 supplement), p. s294.
 82. Li, L., R.E.A. van Emmerik, E.E.H. van Wegen, J. Haddad, G. E. Caldwell (1998). Variability assessment in walking and running within the gait transition region, In proceedings of the 3rd Annual Gait and Clinical Movement Analysis (April, 15-18, 1998, San Diego, California, USA), *Gait and Posture* 7, p. 172.
 83. van Wegen, E.E.H., R.E.A. van Emmerik, L. Li, J. Haddad (1998). Inter-limb and Intra-limb Coordination in the Gait Transition Region for Walking and Running, In proceedings of the 3rd Annual Gait and Clinical Movement Analysis (April, 15-18, 1998, San Diego, California, USA), *Gait and Posture* 7, p.171.
 84. Li, L., B. Heiderscheit, G. E. Caldwell, J. Hamill (1998). Knee stiffness measurement during the stance phase of level running, In: proceedings of the American Physical Therapy Association Combined Sections Meeting, 1998 (*Journal of Sports Physical Therapy*, Vol: 27, No. 1, p. 99, 1998).
 85. G. E. Caldwell, D. G. E. Robison, L. Li and J. M. Hagberg (1997). Lower extremity power and work in level and uphill cycling. In: Proceedings of the XVIth Congress of the International Society of Biomechanics (August, 1997, Japan).
 86. Li, L., and G.E. Caldwell (1997). Coordination of mono- and bi-articular muscles at different cycling cadences. In proceedings of the 1997 annual meeting of ACSM (May, 28-May 30, 1997, Denver, Colorado, USA), MSSE (May, 1997 supplement), p. s197.
 87. Li, L., and G.E. Caldwell (1997). The effect of cycling cadences on the coordination of mono- and bi-articular muscles. In: Proceedings of the 16th southern biomedical engineering conference, in Biloxi, Mississippi, April 4-6, 1997.
 88. Li, L., and G.E. Caldwell (1996). Muscular coordination of cycling: effect of change in grade and posture. In: Proceedings of the Canadian Society for Biomechanics IVth Biennial Conference (August 21-24, 1996, Vancouver), p. 366-367.
 89. Caldwell, G.E., J.M. Hagberg, S.D. McCole, and L. Li (1996). Lower extremity joint moments during uphill cycling. In: Proceedings of the Canadian Society for Biomechanics IVth Biennial Conference (August 21-24, 1996, Vancouver), p. 182-183.
 90. Li, L., and G.E. Caldwell (1996). Muscle pennate angle in relationship with muscle architecture index. In proceeding the 1996 annual meeting of ACSM (May, 29-June 1, 1996, Cincinnati, Ohio, USA), MSSE (May, 1996 supplement), p. s78.

91. Li, L., E.C. Hardin, G.E. Caldwell, and J. Hamill (1996). Comparison of walking and running at same speed. In proceeding of the 1996 AAHPERD national convention (April 17-20, 1996, Atlanta, USA), *RQES* (March, 1996 supplement), p. 21.
92. Li, L., T. R. Derrick and W. Kroll (1995). Frequency shift: agonist and antagonist EMG activities of knee muscles during fatigue. In: Proceedings of the XVth Congress of the International Society of Biomechanics (July 2-6, 1995, Finland), p. 556-557.
93. Caldwell, G. E., L. Li, S. D. McCole and J. M. Hagberg (1995). Sensitivity of joint moment to pedal angle measurement in cycling. In: Proceedings of the XVth Congress of the International Society of Biomechanics (July 2-6, 1995, Finland), p. 148-149.
94. Li, L. and G. E. Caldwell (1993). Effect of inertial loading on muscle activity in cycling. In: Proceedings of the XIth International Symposium of Biomechanics of Sports, University of Massachusetts, Amherst, Massachusetts, p. 120-125.
95. Li, L. (1986). Mechanical pattern of lower extremity during cycling. In: Proceedings of Tianjin Conference of Sports Biomechanics.

CONFERENCE PRESENTATIONS (not included in the proceedings, 12 total):

1. Odgen, L. and L. Li (2001) Coordination of the Low Extremity muscles during Gait Transitions, presented at the 2001 SEACSM conference (Jan. 25 - 27, 2001, Columbia, South Carolina, USA)
2. Baum, B. and L.Li (2001) Muscle activity adaptation to changing inertial loads during cycling, presented at the 2001 SEACSM conference (Jan. 25 - 27, 2001, Columbia, South Carolina, USA)
3. Lee, CM, M. Alomari, T. Parrish, D. Kalb, R. Wood, L. Li and M. Welsch (2000) Evaluation of heart rate variability and its association to physical function in patients with heart failure. Presented at the 2000 annual meeting of Southeast chapter of American College of Sports Medicine (Charlotte, NC, Jen, 26 - 29, 2000)
4. Li Li (2000) Variability of running and walking at gait transition speeds. Presented at the 2000 annual meeting of Southeast chapter of American College of Sports Medicine (Charlotte, NC, Jen, 26 - 29, 2000)
5. Maraj, B.K.V., Li, L., Hillman, R., & Johnson, J. (2000) Verbal and visual instruction in the acquisition of a sequential movement task. Paper invited for presentation at the VIIth World Down Syndrome Congress. Sydney, Australia. March, 2000.
6. Wood, Menickelli, Welsch, Maraj and Li (1999) Technology and Physical Education in the United States. Presented at the 1999 World Congress of Physical Education (Taiwan, R China)
7. Li, L. (1999) Equilibrium Point and Knee Joint Modeling, accepted for presentation by International Mechanical Engineering Congress and Exposition (Nashville, TN, USA, Nov. 15-20, 1999).
8. Sirard, J. R., E. Melanson, L. Li, and P. S. Freedson (1997). Field evaluation of the computer science and applications, Inc. (CSA) accelerometer, presented at 1997 annual meeting of American College of Sports Medicine, May, 28-30, 1997, Denver, Colorado, USA.
9. Li, L., E.C. Hardin, R. van Emmerik, G.E. Caldwell, and J. Hamill (1996). Change of variability during downhill running, presented at Ninth International Engineering

Foundation Conference on Biomechanics and Neural Control of Movement, Mt. Sterling, Ohio

10. Li, L., S. C. Swanson, G. Caldwell, and J. Hamill (1995). Measurement of lower extremity stiffness during the stance phase of level and downhill walking, presentation at the Annual meeting of the New England Chapter of the American College of Sports Medicine, Boxborough, Massachusetts.
11. Melanson, J. Sirard, L. Li, P. S. Freedson, and J. Cunningham (1995). Categorizing physical activity using a vertical plane accelerometer, presentation at the Annual meeting of the New England Chapter of the American College of Sports Medicine, Boxborough, Massachusetts.
12. Li, L, T. R. Derrick and W. Kroll (1994). Neuromuscular adaptation to fatigue in knee muscles during isometric contractions, presentation at the Annual Meeting of the New England Chapter of the American College of Sports Medicine, Boxborough, Massachusetts.