

2001

PUBLICATIONS:

1. Davis, N. (2001). Setting the Research Sail for allied Health Professionals. *Journal of Allied Health*, 30 (4), 251.
2. Lohman E, Wong M, Blood J, Detwiler K, Foote A, Israni V, Merchan W, Pasamonte L. Effect of Backpack Load and Wearing Preference on Spinal Posture in Elementary School Students. *Abstract Publication, Physical Therapy*, 2001; 81(5):A35-36.
3. Lohman EB, Wallmann H. Getting A Step Up On Patellofemoral Pain. *American College of Sports Medicine's - Health & Fitness* – 2001; 5(2): 13-19.
4. Petrofsky, J.S. (2001). Blood pressure and heart rate response to isometric exercise: the effect of spinal cord injury in humans. *Europ J Appl Physiol*, 85, 521-526.
5. Petrofsky, J.S. (2001). Microprocessor-based gait analysis system to retrain Trendelenburg gait. *Med Biol Eng Comput*, 39, 140-3.
6. Petrofsky, J.S., Lohman, E., Connell, M., Parrish, C., & Laymon, M. (2001). Objective assessment of muscle use in hydrotherapy through the use of the surface EMG. *British J Physic Ther.*
7. Petrofsky, J.S. (2001). The use of biofeedback to reduce trendelenburg gait. *Europ J Appl Physiol*, 85, 491-495.
8. Petrofsky, J.S., Kazemi, A., & Laymon, M. (2001). The use of electrical stimulation for healing decubitus ulcers; a way to handle difficult wounds. *Journal of Neurological and Orthopedic Medicine and Surgery*, 20, 114-119.
9. Petrofsky, J.S.(2001).Neuromuscular reeducation to Retrain Muscle in a Child with Spinal Muscular Atrophy. *PT Case Reports*, 4, 181-186.
10. Petrofsky, J.S., Magsino, R., Zook, S., Kao, K., & Meyer, J. (2001). A Comparative Study of Physically Disabled Mono-skiers Versus Conventional Downhill Skiing and Snowboarding. *Journal of Applied Research*, 2003 Spring; 3 (2): 124-36
11. Such, J., Hillebrand, D.J., Guarner, C., Berk, L.S., Zapater, P., Westengard, J. et al. Tumor Necrosis Factor-alpha, Interleukin-6, and Nitric Oxide in Sterile Ascetic Fluid and Serum from Patients with Cirrhosis Who Subsequently Develop Ascetic Fluid Infection. *Digestive Diseases and Sciences*, Vol. 46, No. 11 (November 2001), pp2360-2366.

PROFESSIONAL PRESENTATIONS:

1. Lee Berk: 31st Annual Meeting of the Society for Neurosciences, San Diego, CA, 12-15 November 2001. Presentation- The anticipation of a laughter eustress event modulates mood states prior to the actual humor experience.
2. Larry Chinnoek: Is Thumb Nail bed Blanching Consistent with 4kg of Pressure When Performing the Manual Tender Point Survey? *American Physical Therapy Association Annual Conference – Poster Presentation*, June 2001

3. Larry Chinnock: Is Thumb Nail bed Blanching Consistent with 4kg of Pressure When Performing the Manual Tender Point Survey? American Physical Therapy Association Combined Sections Meeting – Poster Presentation, February 2001
4. Everett Lohman: Presenter: Effect of Backpack Load and Wearing Preference on Spinal Posture in Elementary School Students - Poster Presentation, National American Physical Therapy Association Convention, Anaheim, CA, June 22, 2001.
5. Everett Lohman: Speaker: Post-Professional Education – Puerto Rico, Loma Linda Broadcasting Network (LLBN), Satellite Television, May 05, 2001.

2002

PUBLICATIONS:

1. Bennie, S., Petrofsky, J.S., Nisperos, J., Tsurudome, M., & Laymon, M. (2002). Toward the optimal waveform for electrical stimulation. *Eurp J Appl Physiol*, 88, 13-19.
2. Davis, N and Herring, P. (2002). Professional Development from Your Easy Chair. *Journal of Adventist Education*, 64 (3), 40-46.
3. Lohman EB, Harp TP. A Critical Review of Patellofemoral Pain Syndrome Rehabilitation. *Critical Reviews of Rehabilitation and Physical Medicine* 2002; 14(3&4):1-27.
4. Lohman EB, Wong MS. BACK HEALTH: Backpack-Related Pain In Children, Physical Therapy Products, Medical World Communications, 6701 Center Dr. West, Suite #450, Los Angeles, CA 90045. Lohman EB, Wong MS, February/March 2002 edition.
5. Petrofsky, J.S., & Laymon, M. (2002). The effect of aging in spinal cord injured individuals on the blood pressure and heart rate responses during fatiguing isometric exercise. *Europ J Appl Physiol*, 86, 479-486.
6. Petrofsky, J.S., Connell, M., Parrish, C., Lohman, E., & Laymon, M. (2002). Muscle Use During Gait on Land and in Water- the Influence of Speed of Gait And water depth. *British J Rehabilitation*, 1, 6-14.
7. Petrofsky, J.S., Thorpe, M., & Bweir, S. (2002). A Computerized wheelchair ergometer. *J Rehabil (Saudi)*, 8, 91-95.
8. Petrofsky, J.S., & Laymon, M. (2002). Pulmonary Function in people with spinal cord injury. *Journal Neural and Orthop Surg*, 22, 16-21.
9. Petrofsky, J.S., Takeuchi J., Viado, L., Bweir, S., & Laymon, M. (2002). The Relationship Between the Speed of Wheelchair Use and the Efficiency of Muscle Contraction. *J Disab Res*, 8, 228-237.
10. Petrofsky, J.S., & Bweir, S. (2002). Variable output foot sensors to provide pressure distribution on the foot during gait. *Saudi J Rehab*, 8, 137-142.
11. Petrofsky, J.S. (2002). Scuba diving and disabilities. *Proceedings 3rd World Congress on Disabilities*.
12. Petrofsky, J.S, Viado, L., Takeuchi, J., Bweir, S., & Laymon, M. (2002). Efficiency of Wheelchair ergometry. *Proceedings 3rd World Congress on Disabilities*.
13. Petrofsky, J.S., Bweir, S., Andal, A., Chavez, B.S., Crane, B.S., Saunders B.S., & Laymon, M. (2002). Toward a more objective analysis of gait. *Proceedings 3rd World Congress on Disabilities*.
14. Tan, SA, Tan, LG, Berk, LS, Lukman, LF. Effects of pioglitazone and rosiglitazone on interferon-gamma, tumor necrosis factor-alpha, interleukin-1beta, interleukin-4, interleukin-6 and C-reactive protein in diabetic patients with atherosclerosis. *Proc 22nd Meet of the Eur Soc for Microcirculation*, Exeter, UK, August 28-30, 2002, pp 83-87.
15. Tanner, M.A., Berk, L.S., Felten, D.L., Blidy, A.D., Somaya, B.L., and Ruff, D.W., Substantial Changes in Gene Expression Level Due to the Storage Temperature and Storage Duration of Human Whole Blood. *Clin. Lab. Haem.* 24,337-341, 2002

PROFESSIONAL PRESENTATIONS:

1. Lee Berk: Spiritual Transformation Scientific Research Program, Research Conference, Sponsored by the Metanexus Institute on Religion and Science and the University of Pennsylvania. An Invitation-only gathering of applicant finalists and requested Co-Participants by having a request LOI submitted and accepted for a research grant with David Felten, Lee S. Berk and Bruce Nelson. University of Pennsylvania, Philadelphia, PA, Oct. 5-7, 2002.
2. Lee Berk: Building Bridges of Integration for Traditional Chinese Medicine. (A Landmark Conference on Immune Disorders, Cancer, Pain, Mental Health, and Addictions). Sponsored by Traditional Chinese Medicine World Foundation. Sheraton Meadowlands Hotel & Conference Center, East Rutherford, New Jersey, Oct. 3-6, 2002. Workshop Title “How Can We Identify Mechanistic Scientific Foundations for the Seamless Integration of TCM, Integrative Medicine, and Conventional Western Medicine?” Oct. 4, 2002 (2:30-5:30 p.m.), Co-Presentation with David Felten, MD, PhD, and Lee S. Berk, DrPH, MPH.
3. Lee Berk: Susan Samuelli Center for Complementary & Alternative Medicine Lecture Series, Arnold & Mabel Beckman Center, University of California Irvine, College of Medicine, CA. Presentation entitled, “Is Laughter The Best Medicine?” Co-Presentations with Lola Gillebaard, David Felten, MD, PhD and Lee S. Berk, DrPH, MPH, Oct. 2, 2002.
4. Lee Berk: The Harbor Ridge Women’s Association, April 24, 2002 at Tutto Mare in Fashion Island, Newport Beach, CA.
5. Lee Berk: April 11-14, 2002 Ritz Carlton, Kapalua, Maui, Hawaii. Presentation entitled: “A Merry Heart Does Good Like A Medicine”—Medicine On The Cutting Edge?
6. Lee Berk: University of California, Riverside Extension, Department of Law and Public Policy, Riverside, CA, January 26, 2002. Seminar entitled, “MCLE Madness.” Presentation - “Lawyers, Laughter and Levity”.
7. Nicceta Davis: Normative Weight-bearing Percentage Values Relative to Body Fat Composition for Women Immersed in Water Authors: Nicceta Davis, Danny Jordan, Jennifer Lauren, Amber Schober, Justin Schober, Tim Swartz, and Scott Woffinden. Observational study
8. Nicceta Davis: Poster Presentation: Surface Electromyography Comparison Between A Partial Sit-up With and Without the Ab-Roller™ for Upper Rectus Abdominis Muscle Recruitment. Authors: Stella Dejesa, Voy Fong, Eric Lee, Aaron Miguel, Chai Suphol; Carol Appleton and Susan Huffaker, Faculty Advisors; Nicceta Davis, Research Advisor
9. Nicceta Davis: Poster Presentation: Comparison of Anterior Cruciate Ligament Laxity in Depo-Provera® Users and Non-Users. Authors: Lazma Alaraj, Brandon Arakaki, Todd Leslie, Maritza McKenzie, Milo Milosevich; Desmyrna Taylor and Ron Rea, Faculty Advisors; Nicceta Davis, Research Advisor
10. Christien Wilson: Jan 2002- California Physical Therapy Association: Hosted by LLUMC “Introduction to Pilates technique”

2003

PUBLICATIONS:

1. Bweir, S., Petrofsky, J.S., & Kazemi, A. (2003). Using EMG Feedback to Control Triceps and Biceps Muscles Co-contraction and Improve Wheelchair Propulsion in Cerebral Palsy Patient: A Case study. *J of Rehabilitation*, 9, 87-91.
2. Johnson EG, Godges JJ, Lohman EB, Stephens JA, Zimmerman GJ, Anderson SP. Disability self assessment and upper quarter muscle balance between female dental hygienists and non-dental hygienists. *J Dent Hyg.* 2003; 77(4):217-23.
3. Johnson EJ, Godges J, Lohman EB, Anderson S, Zimmerman G Disability Self-Assessment and Upper Quarter Muscle Balance between Female Dental Hygienists and Non-Dental Hygienists, *Journal of Dental Hygiene* Fall 2003.
4. Laymon , M., & Petrofsky J.S. (2003). Pre and Post surgical implication for the use of Dexa. *ProceedingsAm Acad Orthop Neurol Surg*, (pp. 16-17)
5. Lohman EB, Johnson EG, Miguel AM, Cordett TK, Kang D. Automated pegboard system: reliability and validity of a new tool. *J Appl Res.* 2003; 3(3):262-9.
6. Lohman EB, Johnson EG, Miguel AM, Cordett TK, Kang D. Automated pegboard system: reliability and validity of a new tool. *J Appl Res.* 2003 Summer; 3(3):262-9.
7. Lohman EB, Johnson EG, Miguel A, Cordett, TK, Kang D. Automated Pegboard System: Reliability and validity of a new tool. *The Journal of Applied Research*, 2003; 3(3):262-270.
8. Lohman EB, Harp TP. Evidence-based practice for the upper and lower quarter. Patellofemoral pain: A critical appraisal of literature. American Physical Therapy Association, Orthopaedic Section Home Study Course, HSC 13.2.1, April 2003.
9. Lohman, E., Petrofsky, J., Halverson, H., Pimental, R., & Lee, S. (2003). The Effect of Diabetes on Balance; a Study in Safety in Sports. *Proceedings of the 4rth World Congress on Rehabilitation*.
10. Petrofsky, J.S., Baxter, J., Bomgaars, J., Burgert, C., Jacobs, S., Lyden, D., Lohman, E. The influence of warm water hydrotherapy on muscle relaxation and the cardiovascular system. *Journal of Orthopaedic and Neurological Surgery*, 2003;21,41.
11. Petrofsky, J.S., Magsino, R., Zook, S., Kao , K., & Meyer, J. A. (2003). A Comparative Study; energy cost ,oxygen uptake, ventilation and biomechanics in physically disabled monoskiers versus conventional downhill skiing and snowboarding. *Brit J Physical therapy*, 10;65-74
12. Petrofsky, J.S., Besonis, C., Rivera, D., Schwab, E., & Lee, S. (2003). Does Local Heating Really Help Diabetic Patients Increase Circulation. *J Orthop Neurol Surg*, 21, 40-46.
13. Petrofsky, J.S., Bweir, S., Andal, A., Chavez, B.S., Crane, B.S., Saunders, B., & Laymon, M. (2003). Toward a more objective analysis of gait. *Int J Rehab*, 10, 463-472.
14. Petrofsky J.S., Meyer, J., Magsino, R., Zook, S., & Kao, K. (2003). Biomechanics in Physically Disabled Mono-skiers versus Conventional Downhill Skiing and Snowboarding. *J Appl Research*, 3, 124-136.

15. Petrofsky, J.S., Lee, S., Bweir, S., Laymon, M., & Fritz, H. (2003). Improvement in Dermal and Autonomic function in Rosiglitazone in individuals with Type II diabetes. *J Appl Res*, 3, 270-281.
16. Petrofsky, J.S., Kazemi, A., & Bweir, S. (2003). A Cure For Stroke- where are we now- Part II. *Palaestra*, 20, 35-44.
17. Petrofsky, J.S., Morris, A., Bonacci, J., Bonilla, T., & Jorritsma, R. (2003). Comparison between an abdominal curl with times curls on a portable abdominal machine. *J Appl Res clin exp therapy.*, 3, 394-401.
18. Petrofsky, J.S., Besonis, C., Rivera, D., Schwab, E., & Lee, S. (2003). Endothelial Mediated and Neurogenic Vascular Responses in the Circulation of Patients with Type I and Type II. *Diabetes*, 52, a165.
19. Petrofsky, J.S., Bweir, S., Mcnidor, M., Lee, S., Laymon, M., & Navarro, E. (2003). Toward a More Objective Method of Gait analysis in Patients with Diabetes. *Diabetes*, 52, s487.
20. Petrofsky, J.S., Besonis, C., Rivera, D., Schwab, E., & Lee, S. (2003). Heat Tolerance in patients with diabetes. *J Appl res clin exp ther.* 3, 28-34.
21. Petrofsky, J.S., Baxter, J., Bomgaars, J., Burgert, C., Jacobs, S., Lyden, D., & Lohman, E. (2003). The influence of warm water hydrotherapy on muscle relaxation and the cardiovascular system. *Journal of Orthopaedic and neurological Surgery*, 21, 41.
22. Petrofsky J.S. (2003) New algorithm to control a cycle ergometer using electrical stimulation. *Med and Biol Eng*, 41;18-27.
23. Petrofsky J.S., & Meyer J. (2003). Causes and Suggested Preventatives For Injuries to Monoskiers. *Palaestra*, 19;28-33.
24. Petrofsky, J.S., Baxter, J., Bomgaars, J., Burgert, C., Jacobs, S., Lyden, D., & Lohman, E. (2003). The influence of warm water hydrotherapy on blood flow and muscle relaxation. *Proceedings, American Acad Orthop Neurol Surg* (pp. 16-17).
25. Petrofsky, J.S., Morris, A., Bonacci, J., Bonilla, T., & Jorritsma, R. (2003). Aerobic training on a portable Abdominal machine. *J Appl Res clin exp ther*, 3, 402-415.
26. Petrofsky, J., Macnider, M., Navarro, E., Bweir, S., & Lee, S. (2003). The analysis of gait in patients with diabetes mellitus. *Proceedings of the 4rth World Congress on Rehabilitation*.
27. Petrofsky, J., Macnider, B.S., Navarro, B.S., Bweir, S., & Lee, S. (2003). Toward a More Objective Analysis of Gait in Patients with Diabetes. *Diabetes*, 52; 2465 PO.
28. Petrofsky, J., Bweir, S., & Lee, S. (2003). Endothelial Mediated Vascular function in the Circulation of Patients with type 2 Diabetes taking Avandia. *Proceedings of the 4rth World Congress on Rehabilitation*.
29. Tan, L, Tan, S, Berk, L, Lukman, L. Additive Effects of Simvastatin and Ramipril on Inflammatory Cytokines Interferon-gamma, Tumor Necrosis Factor-alpha, Interleukin-6 and C-Reactive Protein in Diabetic Patients with Hyperlipidemia and Coronary Artery Disease. *Frontiers in Coronary Artery Disease: Proc 5th Int Congress on Coronary Artery Dis, Florence, Italy, October 19-22, 2003*, pp 105-109.

30. Tan, S, Tan, L, Berk, L, Lukman, L. Combined Effects of Ramipril and Carvedilol on Attenuating Interferon-gamma, Tumor Necrosis Factor-alpha, Interleukin-6 and C-Reactive Protein, and Improving Heart Failure in Diabetic Patients. *Frontiers in Coronary Artery Disease: Proc 5th Int Congress on Coronary Artery Dis, Florence, Italy, October 19-22, 2003*, pp 409-413.

PROFESSIONAL PRESENTATIONS:

1. Lee Berk: Mini Medical School Symposium Series at the University of California Irvine, College of Medicine. Presentation Title: The Beneficial Effects of Humor and Attitude when Treating Disease, May 19, 2003.
2. Everett Lohman, Presenter. Lohman EB. Move California – “Back to School: Is your child’s backpack making the grade?” Chair’s Luncheon Speaker, 2003 Annual Conference - California Chapter, American Physical Therapy Association, Sacramento, CA (October 31, 2003). In order to meet California Physical Therapy Association’s (CPTA’s) goal to increase public recognition of physical therapy in California, the CPTA Communications Committee has worked this year to establish a grass-roots PR campaign called “Move California.” This presentation outline the new “Move California” campaign and also show cased the first presentation “Back to School: Is your child’s backpack making the grade?”
3. Everett Lohman: Surface electromyography: Measuring trunk and lower extremity muscle activity in multiple planes of motion. Poster Presentation, 2003 Annual Conference - California Chapter, American Physical Therapy Association, Sacramento, CA (October 31, 2003).
4. Everett Lohman, Presenter. Electromyographic activity: Measuring the effect of foot position in weight-bearing activities. Poster Presentation, 2003 Annual Conference - California Chapter, American Physical Therapy Association, Sacramento, CA (October 31, 2003).
5. Everett Lohman, Presenter. The effects of diabetes on balance. Poster Presentation, 4th Annual World Congress & Exposition on Disabilities, Orlando, FL (September 20, 2003).
6. Everett Lohman, Presenter. Relationship Among Outcomes of Balance Tests With Hoehn & Yahr Staging Scale. In Elderly Persons with Parkinson’s Disease. Poster Presentation, American Physical Therapy Association Convention – Combined Sections Meeting (CSM), Tampa, FL, February 14, 2003.
7. Brad Martin: Occurrence of vestibular dysfunction in persons with and without motion sickness. B Martin, E Schwab, H Betts, S Korgan, R Moses, R Palacio, E Peterson, P Shearer. California Physical Therapy Association Annual Conference. October 31-Nov. 1, 2003. Sheraton Convention Center, Sacramento, CA.
8. Jerold Petrofsky: Laymon, M., Payam, D., Jones, C. and Petrofsky, J.S (2003). Necessity for bone density screening prior to exercise in diabetics. *Proceedings 4th annual World Conference on Rehabilitation*.
9. Jerold Petrofsky: Laymon, M. Luce, Z., DeMel, M., Ramos, M., Williams, B., Apin, B., Petrofsky, J.S (2003). The role of lower extremity Musculature in the golf swing; how the golfer with a disability can compete for distance. *Proceedings 4th annual World conference on Rehabilitation*.
10. Jerold Petrofsky: Petrofsky, J.S., Morris, A., Bonacci, J., Bonilla, T., Jorritsma, R (2003). The seated Abdominal Crunch, an exercise modality for people with disabilities. *Proceedings 4th annual World Conference on Rehabilitation*.

11. Jerold Petrofsky: Petrofsky, J.S. and Laymon, M (2003). The use of electrical stimulation in therapy- the why whose and whys. Am Acad Orthop Neurol Surg Proceedings.

12. Christine Wilson: April 2003-- School of Allied Health Professions: Alumni Weekend. "Pilates Principles and Applications"

2004

PUBLICATIONS:

1. Bweir, S., Petrofsky, J.S., Lee, S., & Petrofsky, A. (2004). Effects of rosiglitazone on cardiovascular reactivity in diabetic patients exposed to heat and postural changes. *Diabetes*, 53;A86.
2. Bweir, S., Lee, S., Petrofsky, J.S., & Laymon, M. (2004). Rapid improvement in dermal vascular function in type 2 diabetes. *European Heart Journal* 2004;25:512-513.
3. Bweir, S., Lee, S., Petrofsky, J.S., Kim, J., Michelle K., Chao, E., Rich, M., Rich, M., Ghasak, F., & Adeela, A. (2004). Rapid and significant improvement in resting forearm blood flow and post-occlusive endothelial dependent forearm flow with rosiglitazone in type 2 diabetes. *Diabetes*, 53;A145.
4. Forrester BJ, Petrofsky JS. Effect of Electrode Size, shape, and Placement During Electrical Stimulation *Eur J Appl Physiol*. 2004; Vol 4,2(346-352)
5. Kim, M., Lee, S., Kim, J., Fritz, H., Jutzy, R., Petrofsky, J., Feenstra, L., & Dyer, S. (2004). Targeting the Dysmetabolic Syndrome in a Cardiovascular Disease Diabetic Cohort with Rosiglitazone. *Journal of Investigative Medicine*, 52(suppl).
6. Kim, J., Lee, S., Kim, M., Petrofsky, J., Laymon, M., Dyer S., Feenstra, L., Fritz, H., Jutzy, R., Ansari, A., Tran, N., & Schwartz, S. (2004). Improvements in Endothelial cell function with peroxisome proliferator-activated receptor α ligand, Rosiglitazone. *Journal of Investigative Medicine*, 52 (suppl).
7. Lee, S., Freitas, M., Petrofsky, J.S., Chao, E., Gomez, L., Im, R., & Magbual, R. (2004). Glucose Excursions Detected by the Continuous Glucose Monitoring System and Missed by Routine Self-Monitoring Blood Glucose Measurements in Patients with Type 1 and Type 2 Diabetes Requiring Insulin. *Diabetes*, 53;A105.
8. Lee, S, Petrofsky, J.S., Bweir, S, Adeela, M, Tran, N, Rich, M, Rich, I, Chao, E, Lohman, E (2004). Improvements in Thermoregulation after Four Weeks of Treatment with Rosiglitazone in Individuals with Type 2 Diabetes. *Diabetes*, 53;A133.
9. Lohman E.B, Petrofsky J.S., & Lee S. (2004). The effects of diabetes mellitus on postural tremor, balance, and gait. *Diabetes*, 53;A532.
10. Petrofsky JS, Lohman E. (2004). Magnetically coupled balance platform. *J Med Eng and Tech* 2004; 28,211-216.
11. Petrofsky, J.S. (2004). Electrical stimulation: neurophysiological basis in rehabilitation. *Basic and Appl. Myol*, 14(4), 205-213.
12. Petrofsky, J.S., Bonacci, J., Bonilla, T., Jorritsma, R., Morris, A., Hanson, A., Laymon, M., & Hill, J. (2004). Can a one-week diet and exercise program cause significant changes in weight, girth and blood chemistry? *J Appl res clin exp ther*. 4, 369-375.
13. Petrofsky, J.S., Bweir, S., Andal, A., Chavez, J., Crane, A., Saunders, J., & Laymon, M. (2004). Joint acceleration in relation to age. *EJAP*, 92, 254-262.
14. Petrofsky, J.S., & Petrofsky, D. (2004). A simple device to assess and train motor coordination. *J Med Eng Technol*, 28, 67-73.

15. Petrofsky, J.S., & Laymon, M. (2004). The effect of Previous weight training and concurrent weight training on endurance for FES cycle ergometry. *Europ Journal. Appl. Physiol.* 91, 392-8.
16. Petrofsky, J.S., Bonacci, J., Bonilla, T., Jorritsma, R., Morris, A., Hanson, A., Somers, R., Laymon, M., & Hill, J. (2004). Cardiovascular and fitness benefits of a one month home exercise and weight loss program. *J Appl Res clin exp ther.* 4; 610-624.
17. Petrofsky, J.S., Bweir, S., Lee, S., & Libarona, M. (2004). Rosiglitazone Improves Age Related Reductions in Forearm Resting Flows and Endothelial Dysfunction Observed in Type 2 Diabetes. *Diabetes*, 53;A141.
18. Petrofsky, J.S., Bweir, S., Kwan, S., Sanchez, M., & Lee, S. (2004). Improvement in Dynamic Stability during Gait after Administration of Rosiglitazone in Type 2 Diabetes. *Diabetes*, 53;A25.
19. Petrofsky, J.S., Bweir, S., Lee, S., & Schwab, E. (2004). Rosiglitazone improves age related reductions in forearm resting and post occlusive blood flow. *European Heart Journal* 25; 512-513.
20. Petrofsky, J.S., Lee, S., Bweir, S., & Laymon, M., and Fritz, H. (2004). Improvement in Dermal Neural Vascular function in patients with Type 2 diabetes with rosiglitazone. *J Appl Res clin exp ther.* 4; 499-507.
21. Rea B, Hopp Marshak H, Davis N, Neish C. (2004). Predictors of Health Promotion Behaviors in Physical Therapists. *Physical Therapy* 84(6): 510-523.
22. Such J, Hillebrand DJ, Guarner C, Berk L, Zapater P, Westengard J, Peralta C, Soriano G, Pappas J, Frances R, Munoz C, Runyon BA. Nitric oxide in ascitic fluid is an independent predictor of the development of renal impairment in patients with cirrhosis and spontaneous bacterial peritonitis. *Eur J Gastroenterol Hepatol.* 2004.Jun;16(6):571-7.

PROFESSIONAL PRESENTATIONS:

1. Lee Berk: Invited lectures to the Dept. of Psychology on Mind Body Medicine Linkage (clinical Psychology & PsyD Student Program) for course entitled: Health psychology (Spring 2004) Loma Linda University.
2. Nicceta Davis: Poster presentation: Predictors of Health Promotion Behaviors in Physical Therapists. [Combined Sections Meeting of American Physical Therapy Association. (Nashville, TN)] Authors: Rea B, Hopp Marshak H, Davis N, Neish C. February 6, 2004.
3. Everett Lohman: Presenter: Contrast & Comparison of Southern California Transitional Doctor of Physical Therapy Programs: A Panel Discussion. Orange County District Meeting – California Physical Therapy Association, Turnip Rose, Orange CA, September 08, 2004.
4. Everett Lohman: Presenter: Move California – “Back to School: Is your child’s backpack making the grade?” Inland Counties District – District Meeting, June 03, 2004.

5. Everett Lohman: Presenter: Move California – “Back to School: Is your child’s backpack making the grade?” Second Year Physical Therapy Students, Loma Linda University, Loma Linda, CA, May 06, 2004.
6. Everett Lohman: Presenter: Move California – “Back to School: Is your child’s backpack making the grade?” Inland Counties District – Executive Committee, May 05, 2004.
7. Jerold Petrosfky: Kim, M.M., Lee, S.W., Kim, J.Y., Fritz, H., Jutzy, R., Petrofsky, J., Feenstra, L., Dyer, S, Schwartz, S., Tran, N., and Ansari, A (2004). Targeting the dysmetabolic syndrome in a cardiovascular disease diabetic cohort with rosiglitazone. *J of Investigative Medicine*.
8. Jerold Petrosfky: Kim, J.Y., Lee, S.W., Kim, M.M., Petrofsky, J., Laymon, M., Dyer, S, Feenstra, L., Fritz, H., Jutzy, R., Ansari, A. Tran, N., Schwartz, S (2004). Improvements in endothelial cell function with peroxisome proliferator-activated receptor α ligand, rosiglitazone. *J of Investigative Medicine*.
9. Jerold Petrosfky: Sample, R., LO, T., Petrofsky, J., Scwab, E., Kasischke, D (2004). Biopotentials and impedance in tissue surrounding and within chronic wounds, Hyperbaric Oxygen and Diving Conference Australia.
10. Jerold Petrosfky: Kim, M.M., Lee, S.W., Kim, J.Y., Fritz, H., Jutzy, R., Petrofsky, J., Feenstra, L., Dyer, S, Schwartz, S., Tran, N., and Ansari, A (2004). Targeting the dysmetabolic syndrome in a cardiovascular disease diabetic cohort with rosiglitazone. *J of Investigative Medicine*.
11. Jerold Petrosfky: Kim, J.Y., Lee, S.W., Kim, M.M., Petrofsky, J., Laymon, M., Dyer, S, Feenstra, L., Fritz, H., Jutzy, R., Ansari, A. Tran, N., Schwartz, S (2004). Improvements in endothelial cell function with peroxisome proliferator-activated receptor α ligand, rosiglitazone. *J of Investigative Medicine*.
12. Jerold Petrosfky: Sample, R., LO, T., Petrofsky, J., Scwab, E., Kasischke, D (2004). Biopotentials and impedance in tissue surrounding and within chronic wounds, Hyperbaric Oxygen and Diving Conference Australia.

2005

PUBLICATIONS:

1. Almarty, A., Lee, S., & Petrofsky, J.S. (2005). Improvement in Cutaneous Vascular Reactivity in Non-glabrous (Hairy) Skin of Patients with Type 2 diabetes after 1 Year Administration of Rosiglitazone. *Diabetes*, 529-P.
2. Asavasopon S, Jankoski J, Godges J. Clinical Diagnosis of Vertebrobasilar Insufficiency. *J Orthop Sports Phys Ther.* 2005; 35:643-64
3. Cuneo, M., Petrofsky, J.S., Lee, S., & Almarty, A. (2005). Effects of Aging and Diabetes on Resting and Post occlusive Hyperemia of the Forearm; the Impact of Rosiglitazone. *Diabetes*, 527-P.
4. Cuneo M, Petrofsky, J.S., Lee, S., & Al-Malty A. (2005). Efecto de Rosiglitazone en la circulación de reposos y dependiente del endotelio en sujetos con Diabetes tipo 2. *Rev Soc Argent Diab*, 39(4):3-9.
5. Cuneo, M., Petrofsky, J.S., Lee, S., & Al Malty, A. (2005). Effects of Aging and Diabetes on Resting and Post Occlusive Hyperemia of the Forearm; the Impact of Rosiglitazone *J of Thai Med Assoc.* s243-244
6. Lawson, D., Petrofsky, J.S., Lee, Almarty, A., Cohn, J., Loo, R., & Marchis, G. (2005). Improvement in Glabrous Skin Perfusion with Heat Exposure and Electrical Stimulation in Diabetic Foot Wounds. *Diabetes*, 202-OR.
7. Lee S., & Petrofsky J.S. (2005). Three Year Prospective Parallel Trial in 2 Groups of Patients with Type 2 Diabetes and Cardiovascular Disease and Utilization of Rosiglitazone; One Year Interim Analysis. *Diabetes*, 2131-PO.
8. Lee, S., Petrofsky, J.S., & Cuneo, M. (2005). Gait Characteristics in Patients with Type 2 Diabetes; Improvement after Administration of Rosiglitazone *Diabetes*, 2127-PO.
9. Petrofsky, JS, Johnson, EG, Hanson, A, Cuneo, M, Dial, R, Somers, R, De La Torre, G, Martinez, A, McKenzie, M, Forrester, B. Abdominal and lower back training for people with disabilities using a 6 Second Abs™ machine. Effect on core muscle stability. *J Appl Res.* 2005; 5(2):262-9.
10. -Petrofsky, JS, Johnson, EG, Hanson, A, Cuneo, M, Dial, R, Somers, R, Guillermo, D, Martinez, A, McKenzie, M, Forrester, B. Abdominal and lower back training for people with disabilities using a 6 second abs machine: Effect on Core muscle stability. *The Journal of Applied Research* Vol. 5.No. 2 (2005): 345-359.
11. Petrofsky, J.S., AlMalty, A., & Lee, S. (2005) Improvement in Cutaneous Vascular Reactivity in Non-glabrous (Hairy) Skin of Patients with Type 2 diabetes after 1 Year Administration of Rosiglitazone. *Europ Heart Journal* 26;491-492.
12. Petrofsky, J.S., Lee, S., & Bweir, S. (2005). Gait characteristics in patients with type 2 diabetes. *Eur J Appl Physiol.* 93(5-6):640-7.
13. Petrofsky, J.S., AlMalty, A., & Lee, S. (2005) Improvement in Cutaneous Vascular Reactivity in Non-glabrous (Hairy) Skin of Patients with Type 2 diabetes after 1 Year Administration of Rosiglitazone. *Proceeding, Int Diabetes Foundation.*

14. Petrofsky, J.S., & Laymon, M. (2005) The relationship between muscle temperature , MUAP conduction velocity and the amplitude and frequency of the surface EMG during isometric contractions. *Basic and Applied Myology* 15;61-74
15. Petrofsky, J.S., Lee, S., Mcnidor, M., & Navarro, E. (2005). Autonomic, Endothelial Function and the analysis of gait in patients with Type 1 and Type 2 Diabetes. *Acta Diabetologica* 42;7-15
16. Petrofsky, J.S., Macnider, B.S., Navarro, B.S., & Lee S. (2005). Motor Control and Gait Characteristics in Patients with Type 1 and Type 2 Diabetes without Sensory Impairment in the Foot *Basic and Applied Myology*.15;75-86.
17. Petrofsky, J.S., Stuart, B., Patterson, C., Cole, M., Al Maly, A., & Lee,S. (2005). Sweat Production during Global Heating and During Isometric Exercise in People with Diabetes. *Med Sci Monit.* Oct;11(10):cr515-521.
18. Petrofsky, J.S., Lee, S., & Cuneo, M. (2005). Effects of aging and type 2 diabetes on resting and post occlusive hyperemia of the forearm; impact of rosiglitazone. *BMC Endocrine Disorders*, 5:4.
19. Petrofsky, J.S., Besonis, C, Rivra, D, &Lee, S. (2005). Circulatory Response to Hydrotherapy and Dry Heat in Individuals with Type 2 Diabetes. *Int Journal of Therapy and Rehabilitation.* 12;491-499.
20. Petrofsky, J.S., &Lee, S. (2005). The Effects of type 2 Diabetes and aging on Vascular Endothelial and Autonomic Function. *Med Sci Monit.* 11:CR247-254.
21. Petrofsky, J.S., Lee, S., Johnson, E., & Lohman E. (2005). Correlation between gait and balance in people with Type 2 diabetes in normal and subdued light. *Diabetes*, 2302-PO.
22. Petrofsky, J.S., Cole, M., Stuart, B., Patterson C., Almalty, A., & Lee S. (2005). Observation of Autonomic Cardiovascular Responses during Isometric Exercise in Patients with Diabetes Compared to Age Matched Control Subjects. *Diabetes*, 2303-PO.
23. Petrofsky, J.S., Lee., S., Cole M., Paterrson, C., & Stewart, B. (2005). Impact of rosiglitazone on isometric exercise. *Kuupio*.
24. Petrofsky, J.S., Cole, M., Stuart, B., Patterson, C., & Lee, S. (2005). Observation of Autonomic Cardiovascular Responses during Isometric Exercise in Patients with Diabetes Compared to Age Matched Control Subjects. *Europ Heart Journal* 26;165-166.
25. Petrofsky, J.S., Cole, M., Stuart, B., Patterson, C., & Lee,S.(2005) The impact of rosiglitazone on isometric exercise performance. *Europ Heart Journal* 26;164-165.
26. Petrofsky, J.S., Hill, J., Hanson, A., Bonacci, J.,Morris, & Jorritsma, R. (2005). Assessment of the Static Component of Aerobic Exercise during Cycle and Treadmill Ergometry Compared to Hip Extension Exercises with and without Gliding. *J Appl Res Clin Exp Ther.* 5;177-192.
27. Petrofsky, J.S., Morris, A., Bonacci, J., Hanson, A., Jorritsma, R., & Hill, J. (2005). Muscle Use during exercise; a comparison of conventional weight lifting equipment to pilates with and without a resistive exercise device. *J. Appl. Res Clin Exp Ther.* 5;160-173.
28. 273.Petrofsky, J.S., Besonis, C., Rivera, D., Schwab, E.,&Lee, S. (2005). Impairment of Orthostatic tolerance in individuals with diabetes. *Med Sci Monit.* Mar 24;11(4):CR153-159.

29. Petrofsky, J.S., Schwab, E., Lo, T., Cuneo, M., George, J., Kim, J., & AlMarty, A. (2005). Effects of Electrical stimulation on Skin Blood Flow in Controls and in and around Stage III and IV Wounds in Hairy and Non Hairy Skin. *Med Sci Monit.* 11(7):CR309-16.
30. Petrofsky, J.S., Morris, A., Bonacci, J., Jorritsma, R., & Hanson, A. (2005). Combined Diet and Low-Impact Aerobic Exercise Program: Impact on Body Weight, Body Girth, and Muscular Strength. *J. Appl. Res Clin Exp Ther.* 5;123-135.
31. Petrofsky, J.S., & Laymon, M. (2005) Muscle Temperature and EMG Amplitude and Frequency During Isometric Exercise. *Av, Sp and Environ. Med.* 76:1024-1030.
32. Petrofsky, J.S., Lee, S., & Cuneo, M. (2005). Gait characteristics in patients with Type 2 diabetes; improvement after administration of rosiglitazone. *Med Sci Mon.* 11:P143-151.
33. Petrofsky, J.S., Stewart, B., Patterson, C., Cole, M., Al Maly, A., & Lee, S. (2005). Cardiovascular Responses and Endurance during Isometric Exercise in Patients with Diabetes Compared to Control Subjects. *Med Sci Monit* 11, 470-477.
34. Petrofsky, J.S., Laymon, M., Cuneo, M., Hill, J., Dial, R., Pawley, A., & Morris, A. (2005). A Bidirectional Resistance Device for Increasing the Strength and Tone in Upper Body Core Muscles and Chest Girth. *J appl Res Clin Exp Ther.* 5;553-559.
35. Petrofsky, J.S., Cuneo, M., Dial, R., Hill, J., Morris, A., & Pawley, A. (2005). Core Muscle Strengthening on a portable abdominal machine. *J appl Res Clin Exp Ther.* 5;460-472.
36. Petrofsky, J.S., Cuneo, M., Dial, R., Pawley, J., & Hill, J. (2005). Core strengthening in a geriatric population. *J Appl Res Clin Exp Ther.* 5;423-433.
37. Petrofsky, J.S., Laymon, M., Morris, A., & Apodaka, P. (2005). The effects of a one month diet program on body weight, body fat content, and girth. *J appl Res Clin Exp Ther* 5;150-171.
38. Petrofsky, J.S., Cuneo, M., Dial, R., Hill, J., Morris, A., & Pawley, A. (2005). Muscle Activity during Yoga. *J appl Res Clin Exp Ther.* 5;501-511.
39. Petrofsky, J.S., Lee, S., & Cuneo, M. (2005). The Impact of Rosiglitazone on Heat Tolerance in Patients with Type 2 Diabetes. *J of Thai Med Assoc.* s244-245
40. Petrofsky, J.S., Lee, S., & Cuneo-Libarona M. (2005). The impact of rosiglitazone on heat tolerance in patients with Type 2 Diabetes. *Med Sci Monit.* 24, 11, 12, CR562-569.
41. Petrofsky, J.S., & Lee, S. (2005). The impact of rosiglitazone on cardiovascular responses and endurance during isometric exercise in patients with Type 2 Diabetes. *Med Sci Monit.* 12(1):CR21-26
42. Stewart, B., Petrofsky, J.S., Lee, S., Cole, M., Patterson, C., & Al-Martí, A. (2005). Sweat Response on Non-Glabrous (Hairy Skin) During Exercise in Patients with Diabetes Compared to Control Subjects. *Diabetes*, 880-p.

PROFESSIONAL PRESENTATIONS:

1. Lee Berk: Community Health Screening Presentation SDA Chinese Church, Loma Linda California- Presentation entitled “A Merry Heart Doeth Good Like A Medicine” Aug., 2005.
2. Larry Chinnock: Predictors for Passing the National Physical Therapy Exam at a Southern California University – California Physical Therapy Association Annual Conference, 2005. Chinnock L., Warwick K., Franco A., Hughes T., Olsen E., Walters M.
3. Larry Chinnock: The Effects of Single-Strap, Double-Strap, and Roller Backpack Usage on Muscle Recruitment of the Erector Spinae Musculature – California Physical Therapy Association Annual Conference, 2005 Chinnock L., Cho W., Ma L., Phan T., Kubose K.
4. Everett Lohman: Presenter: Move California – “Healthy Back to School: My homework is killing me, well at least my back?” Podium Presentation. California Physical Therapy Association, Annual Conference, Ontario, CA October 22, 2005.
5. Everett Lohman: Presenter: Petrofsky JS, Lee S, Johnson E, Lohman E. Correlation between gait and balance in people with Type 2 diabetes in normal and subdued light. Poster Presentation. California Physical Therapy Association, Annual Conference, Ontario, CA October 22, 2005.
6. Everett Lohman: Presenter: Correlation between gait and balance in people with Type 2 diabetes in normal and subdued light. Abstract SUBMITTED for publication Journal of Diabetes, June 2005 (Supplement) and Poster Presentation at the 65th Annual American Diabetes Association Conference, San Diego, CA, June 14-17, 2005.
7. Christine Wilson: April 2005- School of Allied Health Professions: Alumni Weekend “Pilates and Beyond”

2006

PUBLICATIONS:

1. Bourne, K, W Arend, D Johnson, N Daher, and B Martin. 2006. The influence of personality characteristics and test anxiety on physician assistant clinical knowledge rating and assessment tool (PACKRAT) performance. *Journal of Physician Assistant Education* 17:42-46.
2. Lee, S., Daher, N., Dauds, R. Liu, W., Moseley, B., Korson, R., & Petrofsky J.S. (2006). Three Year Prospective Parallel Trial in Patients with Type 2 Diabetes and Cardiovascular Disease with Rosiglitazone *Diabetes Care* 515-p.
3. Lee, S., & Petrofsky, J.S. (2006). Three Year Prospective Parallel Trial in Patients with Type 2 Diabetes and Cardiovascular Disease with the Utilization of Rosiglitazone; Two Year Interim Analysis *Diabetes* 515-p.
4. Lee, S., Sweeney, T., Clausen, D., Firek, A., Brinegar, C., Hassen, J., Fermin, R., Salem, S., & Petrofsky, J.S. (2006). Combined Insulin Pump Therapy w/Real-Time Continuous Glucose Monitoring Demonstrates Improved Glycemic Control Compared to Multiple Daily Injection Therapy in Type 1 Diabetes. *Proceedings of the Diabetes Technology Meeting* A 96.
5. Moseley, B., Korson, R., Petrofsky, J.S., Lohman, E., Lee, S., Cuesta, Z., Labial, L., Iouciulescu, R., & Daud, S. (2006) . The effects of contrast baths on skin blood flow in people with type 2 diabetes and age matched controls. *Journal of Investigative Medicine*, Vol. 54, Supplement 1, #229.
6. Petrofsky JS, Cuneo M, Lee S, Johnson EG, Lohman E. Correlation between gait and balance in people with Type II Diabetes in normal and subdued light. *Med Sci Monit.* 2006;12(7):273-81.
7. Petrofsky JS, Lohman E, Suh HJ, Garcia J, Anders A, Sutterfield C, Khandge C. The effect of aging on conductive heat exchange in the skin at two environmental temperatures. *Med Sci Mont*, 2006;12(10):400-408.
8. Petrofsky JS, Lohman E, Suh HJ, Garcia J, Anders A, Sutterfield C, Grabicki J, Khandge C. Determination of the conductive heat exchange of the skin in relation to environmental temperature. *J of Applied Research Clin Exp Ther* 2006;6(2):157-169.
9. Petrofsky J, Lohman E, Lee S, de la Cuesta Z, Labial L, Iouciulescu R, Moseley B, Korson R, Al Maly A. The influence of alternations in room temperature on skin blood flow during contrast baths in patients with diabetes. *Med Sci Monit* 2006;12(7):290-295.
10. Petrofsky J, Lee S, Cuneo M, Dial R, Sanchez M, Kwan S, Lohman E. (2006) A one year study of gait characteristics in diabetes: The impact of Rosiglitazone. *J Physiotherapy Theory & Practice*, 2006; 12(2):74-81.
11. Petrofsky JS, De la Cuesta Z, Labial L, Iouciulescu R, Lohman E, Lee S, Moseley B, Korson R. (2006). The effects of contrast baths on skin blood flow: the influence of room temperature and diabetes. *Med Sci Monit* 2006;12(7),290-295
12. Petrofsky, J.S. , Schwab, E., Cuneo, M., George, J., Kim, J., AlMarty, A., & Lawson, D. (2006). Current distribution under electrodes in relation to current and skin blood flow; are modern electrodes really providing the current during stimulation that we believe they are? *J Med Eng Tech*, 30, 381-386.

13. Petrofsky, J.S., Lee, S., Cuneo, M., Dial, R., Sanchez, M., Kwan, S., & Lohman, E. (2006). A One Year Study of Gait Characteristics in Diabetes: The Impact of Rosiglitazone. *J therapy and Rehab* 13; 74-81.
14. Petrofsky, J.S., Lohman, E., Lee, S., Cuesta, Z., Labial, L., Iouciulescu, B., Moseley, B., Korson, R., & Al Maly, A. (2006). Effects of contrast baths on skin blood flow on the dorsal and plantar foot in people with type 2 diabetes and age-matched controls. *Physiother Theory Pract.* 2007 Jul-Aug;23(4):189-97.
15. Petrofsky, J.S., Batt, J., & Morris, A. (2006). Weight loss and cardiovascular fitness during a one week diet and exercise program. *J appl res Clin Exp Ther.* 6;51-61.
16. Korson, R., Petrofsky, J.S., Lee, S., & Lohman, E. (2006). The effects of Contrast Baths on Dorsal and Plantar pedal skin blood flow in age advanced subjects versus controls. *Journal of Investigative Medicine*, Vol. 54, Supplement 1, #227.
17. Petrofsky, J.S., Lee, S., Laymon, M., & Batt, J. (2006). Significant and important improvement in cytokines after administration of rosiglitazone. *Diabetes* 543-p.
18. Petrofsky, J.S., Lohman, E., Lee, S., Cuesta, Z., Labial, L., Iouciulescu, B., Moseley, B., Korson, R., & Al Maly, A. (2006). The Effects of Contrast Baths on Skin Blood Flow in the Diabetic Foot Compared to Age Matched Controls *Diabetes Care* 2348-po.
19. Petrofsky, J.S., Lohman, E., Lee, S., Cuesta, Z., Labial, L., Iouciulescu, B., Moseley, B., Korson, R., & Al Maly, A. (2006). Lack of Impact of Increasing Skin Temperature on the Foot and Back on Skin Blood Flow in People with Type 2 Diabetes 2351-po
20. Petrofsky, J.S., Lee, S., Johnson, E., & Lohman, E. (2006). Correlation between gait and balance in people with Type 2 Diabetes in normal and subdued light. *Med Sci Monit.* 12(7):CR273-281.
21. Petrofsky, J.S. (2006). A device for the evaluation of reach balance in sitting and standing in people with disabilities. *J Med Eng Tech.* 30;358-367.
22. Petrofsky, J.S., Lohman, E., Suh, H.J., Garcia, J., Anders, A., Sutterfield, C., Grabicki, J., & Khandge, C. (2006). Determination of the conductive heat exchange of the skin in relation to environmental temperature *J Appl. Res Clin Exp Ther.* 6;157-169.
23. Petrofsky, J.S. (2006). Do cool treatment rooms reduce the effectiveness of some physical therapy modalities? In press *Rehab Management*.
24. Petrofsky, J.S., Lohman, E., Suh, H.J., Garcia, J., Anders, A., Sutterfield, C., & Khandge, C. (2006). The Effect of Aging on Conductive Heat Exchange in the Skin at 2 environmental temperatures. *Med Sci Monit.* Sep 25;12(10):CR400-408.
25. Petrofsky, J.S., Batt, J., Suh, H.J., Jones, R., Ushak, N., Tucker, J., Gentry, L., Kambe, V., & Billings, T. (2006). Muscle Use During Isometric Co-contraction of Agonist-Antagonist Muscle Pairs in the upper and lower Body Compared to abdominal crunches and A Commercial Multi Gym Exerciser. *J appl Res Clin Exp Ther* 6;300-324.

PROFESSIONAL PRESENTATIONS:

1. Nicceta Davis: Paper presentation: Comparison of Physician Assistant Job Satisfaction by Gender and Specialty. [Physician Assistant Education Association Annual Education Forum. (Quebec, Canada)]
Authors: Davis N, Amini T, Atluri K, Beecroft L, Gonzales L, Liou M, McGrew T, Daher N. October 27, 2006.
2. Eric Johnson, Bruce Bradley: Johnson EG, Bradley BD, Witkowski KR, McKee RY, Telesmanic CL, Chavez AS, Zimmerman GJ. The effect of static stretching on the calf muscle unit range of motion in the elderly. Poster Publication: CPTA Annual Conference. 2006 October.
3. Eric Johnson: Johnson EG, Grady SM, Perez AM, San Lucas SM, Papa DM, Zimmerman GJ. Relationship between the carotid duplex scan and a questionnaire screening for positional tolerance of the cervical spine in subjects with suspected vascular pathology. Poster Publication: CPTA Annual Conference. 2006 October.

2007

PUBLICATIONS:

1. Al Maly, A., & Petrofsky, J.S. (2007). The effects of electrical stimulation on younger and older adults. *Med Sci Monit.* Mar 27;13(4):CR147-155.
2. Davis, N. (2007). The Bible and research: Reflections of the Christian researcher. In H. M. Rasi (Ed), *Christ in the Classroom: Adventist Approaches to the Integration of Faith and Learning (37-55)*. Silver Spring, MD: Institute for Christian Teaching.
3. Johnson EG, Houle SM, Perez AM, San Lucas SM, Papa DM. Relationship between the duplex Doppler ultrasound and a questionnaire screening for positional tolerance of the cervical spine in subjects with suspected vascular pathology: a case series pilot study. *JMMT.* 2007; 15(4):225-230.
4. Johnson EG, Bradley BD, Witkowski KR, McKee RY, Telesmanic CL, Chavez AS, Kennedy KL, Zimmerman GJ. Effect of a static calf muscle-tendon unit stretching program on ankle dorsiflexion range of motion of elderly women. *J Geriatr Phys Ther.* 2007;30(2):49-51.
5. Johnson EG, Larson A, Ozawa H, Wilson CA, Kennedy KL. The effects of Pilates-based exercise on balance in healthy adults. *JBMT.* 2007;11:238-242
6. Lawson, D., & Petrofsky, J.S., (2007). A randomized control study of the effect of biphasic electrical stimulation in a warm room on blood flow and healing rates in chronic wounds of patients with and without diabetes. *Med Sci Monit.* May;13(6):CR258-263.
7. Lohman EB, Petrofsky JS, Maloney-Hinds C, Betts-Schwab H, Thorpe D. The effect of whole body Vibration on lower extremity skin blood flow in normals. *Med Sci Mont,* 2007;13(2):71-76.
8. Petrofsky, J.S., & Cuneo, M. (2007). Correlation between gait, balance and age when people are standing and walking in normal, subdued, and no light conditions. *Physical and Occupational Therapy and Age.* 26; 23-40
9. Petrofsky, J.S., Lawson, D., Rossi, C., Zapata, K., Broadwell, A., Littleton, L., & Suh, H. (2007). The influence of local and global heat on the healing of chronic wounds in patients with diabetes. *Diab technology in therapeutics* 9;535-544.
10. Petrofsky, J.S., Batt, J., Suh, HJ., Jones, R., Ushak, N., Tucker, J, Gentry, L., Kambe, V., & Billings, T. (2007). Muscle Strength Training and Weight Loss from a Combined Isometric Exercise and Dietary Program *J Appl res Clin Exp Ther* 7;77-85.
11. Petrofsky, J.S., AlMaly, A., & Suh, HJ. (2007) Isometric Endurance , limb and skin blood flow during the menstrual cycle. *Med Sci Monit.*13(3):CR111-117.
12. Petrofsky, J.S., Schwab, E., Lo, Takkin, Cuneo, M., & Lawson, D. (2007). The thermal effect of electrical stimulation in normal and wounded skin. *Med Sci Monit.* Nov;13(11):CR498-504.
13. Petrofsky, J.S., Lee, S., Cuneo, M., & Apodaca, P. (2007). The effect of rosiglitazone on orthostatic tolerance in individuals with type 2 diabetes. *Diab. Tech and Ther.* 9;377-386.
14. Petrofsky, J.S., & Schwab, E. (2007). A re-evaluation of modeling of current flow between electrodes- consideration of skin and muscle blood flow and wounds. *J med eng tech* Jan-Feb;31(1):62-74.

15. Petrofsky, J.S, Hinds, C, Prowse, M, Batt, J., & Suh, HJ. (2007) . The interrelationships between electrical stimulation, the environment surrounding the vascular endothelial cells of the skin, and the role of nitric oxide in mediating the blood flow response to electrical stimulation Med Sci Monit. 2007 Sep;13(9):CR391-397
16. Petrofsky JS, Lohman E, Lee S, Cuesta Z, Labial L, Iouciulescu B, Moseley B, Korson R, Al Malty A. (2006). Effects of contrast baths on skin blood flow on the dorsal and plantar foot in people with type 2 diabetes and age-matched controls. Physiother Theory Pract. 2007 Jul-Aug;23(4):189-97.
17. Petrofsky JS, Batt J, Davis N, Lohman E, Laymon M, De Leon G, et al. Core muscle activity during exercise on a mini stability ball compared to abdominal crunches on the floor and Swiss Ball. Journal of Applied Research 2007;7(3):255-272.
18. Petrofsky J, Lohman E, Lee S, de la Cuesta Z, Labial L, Iouciulescu R, Moseley B, Korson R, Al Malty A. The effects of aging on the skin blood response to warm, cold, and contrast warm and cold baths. J Physical and Occupational Therapy in Geriatrics 2007;23(2):71-76.

PROFESSIONAL PRESENTATIONS:

1. Skulpan Asavasopon: CAPTA Annual Conference Speaker: Integration of Movement Science and Manual Therapy in the Management of Common Cervical and Shoulder Disorders, San Jose, CA - September 2007
2. Nicceta Davis: Paper presentation: The Bible and Research: Reflections for the Christian Researcher. [Institute for Christian Teaching – Seminar 35. Hong Kong Adventist College. March 11-22, 2007.]
Author: Davis, N.

2008

PUBLICATIONS:

1. Al Maly, A., Petrofsky, J.S., & Lawson, D. Aging in women: The effect of menopause on skin blood flow and the response to Electrical Stimulation Physical & Occupational Therapy In Geriatrics, Volume 27, Issue 2, 2008, Pages 139 – 159
2. Bui, C, Berk, L, Petrofsky, JS, Montgomery, S., Shavlik, D., Hubbard, R (2008) Can a Single High-Fat Meal Impair Endothelial and Autonomic Function?, #2008-LB-4930-Diabetes
3. Johnson EG, Landel R, Kusunose RS, Appel TD. Patient management after a positive vertebral artery test. Man Ther. 2008; 13(4):367-371.
4. Laymon, M., Petrofsky, J.S. (2008). Interrelationship between body fat and muscle temperature after hot and cold pack application. J Neurol Orthop Surg.
5. Laymon, M., Petrofsky, J.S., & Batt, J. (2008) . Aerobic energy expenditure on a 60 minute exercise video with mini medicine balls. J appl Res Clin Exp Ther. 8;130-134
6. Lee, S., Bains, G., Petrofsky, JS (2008) Continuous Subcutaneous Insulin Infusion and Hypoglycemia In press US Endocrine Disease 2007 Issue II
7. Lohman EB, Thorpe DL, Prior M, George J, Kim JP. Can APB 2000 be used to discern sincerity of subjects from maximal performance in subjects with shoulder pain? Journal of American Academy of Forensic Sciences 2008;53(2):392-396.
8. Maloney-Hinds , C, Petrofsky J.S., Zimmerman, G., Hessinger, D. (2008) .The Role of Nitric Oxide in Skin Blood Flow Increases Due to Vibration in Healthy Adults and Adults with Type 2 Diabetes Diabetes p-1069
9. Maloney-Hinds C, Petrofsky JS, Zimmerman G. (2008) The effect of 30 Hz vs. 50 Hz passive vibration and duration of vibration on skin blood flow in the arm. Med Sci Monit. 2008 Mar;14(3):CR112-116.
10. McLellan, K. Petrofsky, JS. Bains, G. Zimmerman, G. Prowse, M. Lee, S. Lohman, E. The effects of skin moisture and subcutaneous fat thickness on the ability of the skin to dissipate heat. In young and old subjects, with and without diabetes, at three environmental room temperatures. J Med Eng Physics October 2008.
11. McLellan, K. Petrofsky, J. Prowse, M. Gunda, S. Suh, H. (2008) Heat dissipation in the skin in people with diabetes assessed at three global temperatures. Diabetes p-1086
12. Petrofsky JS, Bains G, Prowse M, McLellen K Ethiraju G, Lee S, Gunda S, Lohman E, Schwab, E. (2008). The Influence of Age and Diabetes on the Skin Blood Flow Response to Local Pressure. Submitted In press Medical Science Monitor.
13. Petrofsky JS, McLellan K, Bains GS, Prowse M, Ethiraju G, Lee S, Gunda S, Lohman E, Schwab E. Skin Heat Dissipation: The influence of diabetes, skin thickness, and subcutaneous fat thickness. Diabetes Therapeutics & Technology, 2008;10(6):487-493.
14. Petrofsky JS, Prowse M, Lohman E. The influence of aging and diabetes on skin and subcutaneous fat thickness in different regions of the body. J of Applied Research Clin Exp Ther. 2008;8(1):55-61.

15. Petrofsky JS, Batt J, Brown J, Stacey L, Bartelink T, Le Moine M, Charbonnet M, Leyva S, Lohman E, Aiyar S, Christensen A, Weis M, Weis M, Jackson J, Rad-Bayani E, Prowse M, Sharma A, Rendon A. Improving the outcomes after back injury by a core muscle strengthening program. *J of Applied Research*. 2008;8(1):62-75
16. Petrofsky, J.S., Ramsey, K., Patel, A., Batt, J., Prowse, M., Bains, G., Gunda, S., & Sharma, A. (2008). Effect of diet and exercise program with a mini medicine ball on cardiovascular fitness, weight loss and strength. *J Appl Res Clin Exp Ther* 8; 116-129
17. Petrofsky, J.S., Al Maly , A., Prowse, M. (2008). Relationship between Multiple Stimuli and the Response of Vascular Endothelial Cells. *Med Sci Monit*. 2008 Aug;14(8):CR399-405.
18. Petrofsky, J.S.(2008).The effect of skin blood flow and subcutaneous fat on the transfer of current through skin and into muscle. *Med Eng Phys*. 2008 30; 1168-1176
19. Petrofsky, J.S., Prowse, M., Bain, M., Ebilane, E., Suh, HJ., Batt, J., Lawson, D., Hernandez, V., Abdo, A., Yang, T., Mendoza, E., Collins, K., & Laymon, M. (2008). Estimation of the distribution of intramuscular current during electrical stimulation of the quadriceps muscle .*Eur J Appl Physiol*. 2008 Jun;103(3):265-73.
20. Petrofsky, J.S., Laymon, M., Chung , W., Collins, K., & Tang, T. (2008). Effect of Electrical Stimulation on Bacterial Growth. *J of Orthop. Neurol. surg*. 31;43-49
21. Petrofsky, J.S., Mc Lellan, K., Bains, G., Prowse, M., Ethiraju, G., Lee, S., Gunda, S. , Lohman, E., Schwab, E. (2008). Skin heat dissipation; the Influence of diabetes, skin thickness, and subcutaneous fat thickness. *Diab Tech and Ther*. 10;487-493
22. .Petrofsky, J.S. (2008). Strength and Endurance in Human Skeletal Muscle; Why Electrical Stimulation Usually Fails To Generate the Same Response As During Voluntary Effort. *Journal of Neurological and Orthopedic Surgery*. 31;1-20
23. Petrofsky, J.S., Batt, J., & Pawley, A. (2008). The effect of a glucomannan taken orally before each meal on blood glucose, cholesterol, lipids, weight loss, and overall health. Submitted *J Appl ResClin Exp Ther*.
24. Petrofsky, J.S., Suh, H., Fish, A., Hernandez., V., Abdo, A., Collins, K., Mendoza, E., Yang, T. (2008). A multi channel stimulator and electrode array for providing a roating whirlpool for electrical stimulation. *J med eng Tech*. 32;371-384
25. Petrofsky, J.S., Suh, HJ., Gunda, S., Prowse, M., & Batt, J. (2008). Interrelationship between body fat and skin blood flow and the current required for electrical stimulation of Human muscle. *Med Eng Phys*. 2008 Sep;30(7):931-6.
26. Petrofsky, JS., Mc Lellan, K., Prowse, Michelle., Lee, S., Gunda, S., Suh, H. (2008). The Influence of Age and Diabetes on the Skin Blood Flow Response to Local Pressure *Diabetes* 1386
27. Petrofsky, J.S., Lawson, D., Suh, HJ.,& Batt, J. (2008). Effects of a 2, 3, and 4 electrode stimulator design on current dispersion on the surface and into the limb during electrical stimulation in controls and patients with wounds. *J med eng Tech*. 32, Issue 6 November 2008 , pages 485 - 497
28. Pollard, P., Taylor, M., Daher, N., Davis, N. (2008). Gender differences in health care: The compensation experience of registered dietitians. *The Health Care Manager*, 27(3): 259-268.

29. Sirichotirtina, M, Petrofsky, JS, Berk, L 2008 Development of a method for assessing strength in extensor digitorum brevis J Inves. Med 57;167
30. Suh , H., Petrofsky, J., Lo, T., Yu, T., Moore, P., Gunda, S., McLellan, K., Prowse, M. (2008). The combined effect of electrical stimulation and local heat on healing of chronic diabetic and non diabetic wounds Diabetes 1386
31. Waggoner, J., Bakhsh, Z., Focil, N., Andzel, G., Jimenez, A., Bogseth, M., Ritter, D., Petrofsky, J. (2008). Thyroid Cancer Diagnosed not by Characteristic Size but Calcifications Seen on Routine Ultrasound. Annual Post Graduate Conference Loma Linda University .
32. Waggoner, J., Bakhsh, Z., Focil, N., Andzel, G., Jimenez, A., Bogseth, M., Ritter, D., Petrofsky, J. (2008). Adrenal Gland Adenoma Mistaken for Pheochromocytoma by Metaiodobenzylguanidine (MIBG) Scan. Annual Post Graduate Conference Loma Linda University.

PROFESSIONAL PRESENTATIONS:

1. Skulpan Asavasopon: AAPTA Annual Conference Speaker: Clinical Pearls, Pitfalls, and Reasoning in Evidence-based Management of Common Upper Quarter Disorders, Phoenix, AZ – October 2008
2. Nicceta Davis: Poster presentation: Black Seventh-day Adventists' Adherence to Recommended Physical Activity Levels Based on Education-levels and Socioeconomic Status. [5th International Congress on Vegetarian Nutrition. Loma Linda, CA. March 4-6, 2008.] Authors: Davis N, Beeson L, Herring P, Fraser G.
3. Everett Lohman: Presenter. Lohman, E. Suh, H. Petrofsky, JS. Yu, T. Moore, P. Pfeifer, T. Morawsk, T. Lo, T. A prospective study to evaluate the efficacy of a new 3-array electrical stimulation therapy. In combination with local heat on healing of chronic wounds. Poster Presentation: 68th Scientific Sessions, American Diabetes Association, June 6-12, 2008, San Francisco, California.

2009

PUBLICATIONS:

1. Abdul-Majeed R; Petrofsky, Jerrold; Al-Naami, Bassam O; Al-Nabulsi, Jamal I An Effective Method for Skin Blood Flow Measurement Effected by Local Heat Combined With Electrical Stimulation 2009 J Med Eng Technol. 2009;33(8):663-9.
2. Berk, L, Prowse, M., Petrofsky JS., Batt , J, Laymon, M, Bains , G., Daher, N., Tan, S., Berk, D. Laughercise: Health Benefits Similar ot Exercise Lowers Cholesterol and Systolic Blood Pressure. Association of Psychological Science 2009
3. Coords, H, McClurg, M, Petrofsky, JS The Blood Flow Response of Dry versus Moist Heat; Is Dry Heat really all that Effective? Poster presentation CPTA annual meeting 2009
4. Hinds, C., Petrofsky, J.S., Hessinger, D, & Zimmerman, G. (2009). Nitric Oxide, possible mechanism for increases in skin blood flow due to vibration in Healthy adults.
5. Hinds, C., Petrofsky, J.S., & Zimmerman, G. , Hessinger, D (2009). The role of nitric oxide increases in skin blood flow response to vibration in people with diabetes. Diabetes Technol Ther. 11(1):39-43.
6. Johnson EG. Vestibular Rehabilitation (abstract). JJPTA. 2009;36(3):27-8.
7. Johnson EG. Clinical management of a patient with chronic recurrent vertigo following a mild traumatic brain injury. Case Reports in Medicine. Volume 2009 (2009), Article ID 910596.
8. Johnson EG. Vertebral Artery Testing in Dizzy Patients: A review of the literature and clinical considerations. In Columbus F, (Ed.). Dizziness: Vertigo, Disequilibrium and Lightheadedness. Hauppauge, NY: Nova Science Publishers, Inc. 2009:45-59.
9. Johnson EG, Cordett TK. A different spin on the vertebral artery test for examining dizzy patients. International Journal of Medical and Biological Frontiers. 2009; In Press.
10. Martin, BD, D Thorpe, R Barnes, M Deleon, D Hill. 2009. Frequency in usage of FCAT-approved anatomical terms by North American anatomists. Anatomical Sciences Education 2:94-106.
11. McLellan K, Petrofsky JS, Zimmerman G, Lohman E, Prowse M, Schwab E, Lee S. The influence of environmental temperature on the response of the skin to local pressure: The impact of aging and diabetes. Diabetes Technology& Therapeutics 2009; 11(12): 791-798.
12. Mc Lellan, K., Petrofsky, J.S., Bains, G. ,Zimmerman, G., Prowse, M., Lee, S., Lohman, E. (2009). The effects of skin moisture and subcutaneous fat thickness on the ability of the skin to dissipate heat in young and old subjects, with and without diabetes, at three environmental room temperatures. Med Eng Phys.31 ;165–172
13. Mc Lellan, K., Petrofsky, J.S., Zimmerman, G, Prowse, M, Bains, G, and Lee., S., (2009). Multiple stressors and the response of vascular endothelial cells of the foot; the effect of aging and diabetes Diabetes Technol Ther. 2009 Feb;11(2):73-9.
14. McLellan, K. Petrofsky, JS. Bains, G. Zimmerman, G. Lohman, E. Prowse, M. Lee, S. Schwab, E. 2009. The influence of environmental temperature on the response of the skin to local pressure: the impact of aging and diabetes. Diabetes Technology & Therapeutics, December 2009, Vol. 11, No. 12: 791-798.

15. Petrofsky, J.S., Mc Lellan, K., Bains, G., & Prowse, M. (2009). The Influence of Age, Diabetes, and Obesity on Skin Blood Flow Response to Applied Pressure. *Med Sci Monit.* 2009 Jun;15(6):CR261-8.
16. Petrofsky, J.S., Bains, G., Prowse M., Mc Clellen, K Ethiraju G, Lee, S., & Gunda, S., Lohman, E, Schwab , E. (2009). The Influence of Age and Diabetes on the Skin Blood Flow Response to Local Pressure. *Med Sci Monit.* 2009 Jul;15(7):CR325-31..
17. Petrofsky, J.S., Mc Lellen, K., Bains, G., Prowse, M., Ethiraju, G., Lee, S., Gunda, S., Lohman, E., & Schwab, E. (2009). The Influence of Age on the ability of the skin to dissipate heat. *Med Sci Monit.*2009 Jun;15(6):CR261-268
18. Petrofsky, J.S., & Laymon, M. (2009). Heat Transfer to deep tissue- effect of body fat and heating modality. *J Med Eng Technol.* 2009 Apr 20:1-12. [Epub ahead of print]
19. Petrofsky, JS., Laymon, M., Prowse, M, Gunda, S., Batt, J. (2009) The Transfer of Current through Skin and Muscle During Electrical Stimulation with Sine, Square, Russian, and Interferential Waveforms *J Med Eng Tech* 33(2):170-81..
20. Petrofsky, JS, Bains, G., Prowse, M., Gunda, S., Berk, L., Chinna, R., Ethiraju, G., Vanarasa, D., Madani, P. (2009) Does Skin Moisture Influence The Blood Flow Response To Local Heat? A reevaluation of the Pennes Model. *J Med Eng Technol.* 33; 532 – 537
21. Petrofsky, JS, Bains, G., Prowse, M., Gunda, S., Berk, L., Chinna, R., Ethiraju, G., Vanarasa, D., Madani, P. (2009) Dry Heat, Moist Heat, and Body Fat: are heating modalities really effective in people who are overweight? *J Med Eng Technol.* 2009;33(5):361-9
22. Petrofsky, JS. Bains, G. Chinna, R. Lohman, E. Berk, L. Prowse, M. Gunda, S. Madani, P. Batt, J. (2009) The effect of the moisture content of a local heat source on the blood flow response of the skin. *Arch Dermatol Res.* Sep;301(8):581-5.
23. Petrofsky JS, Batt J, Berk L, Collins K, Yang T, LeMoine M, Bains G, Gunda S, Raju C, Vanarasa D, Kim Y, Beard C, Broussard K, Christensen J, Ellstrom C, George G, Holland M, Vallabhaneni P, Brown J. (2009) The effect of an aerobic dance and diet program on cardiovascular fitness, body composition, and weight loss in women. *J Appl Res Clin Exp Ther* 8;179-188
24. Petrofsky, JS, McLellan, K. Galvanic skin resistance- a marker for diabetic endothelial damage 2009 *Diabetes Technology & Therapeutics.* July 2009: 461-467.
25. Petrofsky , J, Suh, H, Lawson, D, Berk, L. Enhanced healing of diabetic foot ulcers using local dry heat for 30 minutes 3 times per week: a pilot study. *Diab* 1035 LB 2009
26. Petrofsky, JS, Lawson, D, Berk, L, Suh, H Enhanced healing of diabetic foot ulcers using local heat and electrical stimulation for 30 minutes 3 times per week *J Diabetes.* 2010 Mar;2(1):41-6
27. Petrofsky, JS., Berk, L., Bains, G., Prowse, M.,Lohman, E. Pilot Study Comparing Heat Wrap Therapy to a Counterirritant Cream and Patch to Assess Deep Tissue Heat Penetration *Germain Pain Congress Berlin* 2009
28. Petrofsky, JS, Bains, G Influence of Race, Gender, Age and Diabetes on the Skin Circulation in *Textbook of Ageing skin.* chapter 61 pages 619-638 in *Textbook of ageing skin.* Ed Miranda A. Farage, Kenneth W. Miller and Howard I. Maibach Springer Berlin Heidelberg 2010 ISBN 978-3-540-89655-5

29. Petrofsky JS, Bains GS, Prowse M, McLellan K, Ethiraju G, Lee S, Gunda S, Lohman E, Schwab E. The influence of age and diabetes on the skin blood flow response to local pressure. *Med Sci Monit.* 2009; 15(7):325-31.
30. Petrofsky JS, Lohman E, Lohman T. A device to evaluate motor and autonomic impairment. *Medical Engineering & Physics.* 2009; 31:705-712.
31. Petrofsky, JS, Bains, G., Prowse, M., Gunda, S., Berk, L., Chinna, R, Ethiraju, G., Vanarasa, D., Madani, P (2009) Does Skin Moisture Influence The Blood Flow Response To Local Heat? A reevaluation of the Pennes Model. *J Med Eng Technol.* 2009 May 29:1-6. [Epub ahead of print]
32. Petrofsky, JS, Bains, G., Prowse, M., Gunda, S., Berk, L., Chinna, R., Ethiraju, G., Vanarasa, D., Madani, P (2009) Dry Heat, Moist Heat, and Body Fat: are heating modalities really effective in people who are overweight? *J Med Eng Technol.* 2009;33(5):361-9.
33. Petrofsky, JS., McClellan, K., Sharma, A., Prowse, M., Bains, G., Berk, L. The effect of body fat , ageing and diabetes on vertical and shear pressure in and under a waist belt and it effect on blood flow. *Sub diab tech ther.* 2009.
34. Sirichotirtina, M, Petrosky, JS, Berk, L 2009 Development of a method for assessing strength in extensor digitorum brevis *J Inves. Med* 57;167
35. Suh, H., Petrofsky JS., Fish, A. Hernandez, V., Mendoza, E., Collins, K., Yang, T., Abdul, A., Batt, J. (2009) A new electrode design to improve outcomes in the treatment of chronic non healing diabetic wounds. *Diabetes Technol Ther.* 2009 May;11(5):315-22.
36. Suh, HJ., Petrofsky J.S., & Lo, T. , Lawson, D, Yu, T., Pfeifer, T., Morawski., T., (2009). Wound healing with a three electrode delivery system compared to a two electrode delivery system in chronic ulcers of people with diabetes. *Diab Tech* 11(10): 681-688

PROFESSIONAL PRESENTATIONS:

1. Skulpan Asavasopon: Combined Sections Meeting Preconference course: Residency Start-up 101: The “How to Start-up a Residency” Course. Las Vegas, NV – February 2009
2. Skulpan Asavasopon: Annual Conference Preconference course: Residency Start-up 101: The “How to Start-up a Residency” Course. Baltimore, MD – June 2009
3. Lee Berk: American Association for Therapeutic Humor, Presentation Title: Laughter Science Pioneer: Up Close and Personal, Las Vegas, NV, April 2-5, 2009. Keynote presentation.
4. Everett Lohman: Presenter & Key Note Speakers: Lohman E. and Johnson E. Assessment of Balance and Postural Control. Yokkaichi, Japan. The 44th Annual Seminar of Japanese Physical Therapy Association, October 02, 2009.

2010

PUBLICATIONS:

1. Berk, L., Prowse, M., Bains, G., Batt, J., Petrofsky, J., Daher, N., Danner, H., Ludeman, L., Lahman, M., Tan, S., and Berk, D. (2010) Humor-associated laughter affects appetite hormones. 2010 Experimental Biology meeting abstracts, Abstract #996.1; Accessed April 27, 2010. A "hot pick" presentation of the American Physiological Society;
2. Berk, L., Prowse, M., Bains, G., Batt, J., Petrofsky, J., Daher, N., Danner, N., Ludeman, L., Lahman, M., Tan, S., Berk, D., 'Humor-associated laughter affects appetite hormones' FASEB 2010
3. Bui, C., Petrofsky, JS, Berk, L., Shavlik, D., Remigio, W., Montgomery, S. 2010. Acute effect of a single high fat meal on forearm blood flow, blood pressure and heart rate in Asians vs Caucasians: a pilot study. The Southeast Asian Journal of Tropical Medicine and Public Health, Vol. 41 490-499.
4. Johnson EG, Cordett TK. A different spin on the vertebral artery test for examining dizzy patients. International Journal of Medical and Biological Frontiers. 2010; In Press.
5. Johnson E, Lohman E, Rendon A, Kim Y. The Immediate Effects of the Tib Trainer® on Gait in a Chronic Stroke Patient. Journal of Gait and Posture (Submitted 15 February 2010).
6. Johnson E, Lohman E, Rendon A, Cordett T, Kim Y. The effect of the Tib Trainer® on ankle mobility, muscle recruitment and gait: a pilot study. Journal of the Japanese Physical Therapy Association (JJPTA) (Submitted).
7. Lin S, Lee JW, Modeste N, Johnson EG. Attitudes and beliefs that predict Taiwanese older adults' intentions to attend strength and balance training programs. Journal of Applied Gerontology. 2010; In Press.
8. Lohman EB, Bains GS, Lohman T, DeLeon M, Petrofsky JS. A comparison of whole body vibration and moist heat on lower extremity skin temperature and skin blood flow. Medical Science Monitor (Submitted 12 November 2010, returned with revisions January 2011, accepted 01 March 2011).
9. Lohman EB, Swen RW. Understanding Spatiotemporal Parameters, Biomechanics, and Common Injuries in Shod and Unshod Runners: A Physical Therapy Perspective – Part 1. Physical Therapy in Sports (04 November 2010 – Returned for revisions, resubmitted 14 January 2011).
10. Martin, BD, D Thorpe, V Merenda, B Finch, W Anderson-Smith, A Consiglio-Lahti. 2010 Contrast in usage of FCAT-approved anatomical terminology between members of two anatomy associations in North America. Anatomical Sciences Education 3:25-32.
11. Morimoto H, Asai Y, Johnson EG, Lohman EB, Khoo K, Mizutani Y, Mizutani T. Effect of gaze stability exercises on postural stability and dynamic visual acuity in healthy young adults. Gait and Posture. 2010; In Press.
12. Petrofsky, J, Batt, J., Berk., J, Schweichler., J, Arai, D., Conas, C., Newell, C., Case., K., Keener., K. The effect of a diet and exercise program on fitness and posture in women. In Appl Res. 10;39-50 2010
13. Petrofsky, JS, Bains, G Influence of Race, Gender, Age and Diabetes on the Skin Circulation in Textbook of Ageing skin. chapter 61 pages 619-638 in Textbook of ageing skin. Ed Miranda A.

Farage, Kenneth W. Miller and Howard I. Maibach Springer Berlin Heidelberg 2010 ISBN 978-3-540-89655-5

14. Petrofsky, J., Batt, J., Berk, L., Bains, G., Wong, J., Radabaugh, R., Yim, J., Murugesan, V., Lee, H., Dhamodaran, B., Trivedi, M., Alshammari, F., Gudivada, G., Chindam, R., Goraksh., N., Hudlikar, A. A combination of exercise and diet as a synergistic program that increases fitness and produces weight loss in people with a high BMI 2010 J. Appl Res.

15. Petrofsky, JS A Device to Measure Heat Flow through the Skin in People with Diabetes 2010 Diabetes Technol Ther. 2010 Sep;12(9):737-43.

16. Petrofsky, JS., Laymon, M., Lohman, E., Berk, L., Bains, G. A new method for assessing back pain in relation to range of motion for the assessment of pain relieving modalities; the RMPI scale Submitted Physio Therapy Theory and Practice 2010

17. Petrofsky, JS., Focil, N., Prowse, M., Kim, Y., Berk, L., Bains, G. Lee, S. Autonomic Stress and Balance- the Impact of Age and Diabetes Diab Tech Vol. 12, No. 6: 475-481. 2010

18. Petrofsky JS ,Type 2 Diabetes and Vascular Endothelial Function and its effect on Activities of Daily Living. In press Int J Diab Sci and Tech. 2011

19. M.A. Prowse * L.S. Berk * N.S. Daher * J.S. Petrofsky * S. Tonstad * S. Mohan * B. Haddock * L. Wilkin. The effect of a 1 hour aerobic run at 70-80% Max HR on CTx and P1NP biomarkers of bone turnover in physically trained and untrained premenopausal women. Submitted for publication to Osteoporosis International Journal - Manuscript ID: OI-2010-05-0301

20. Petrofsky, JS. Paluso, D. Anderson, D. Swan, K. Yim, J. Murugesan, V. Chindam, T. Goraksh, N. Alshammari, F. Lee, H. Trivedi, M. Hudlikar, A. Vahishta, Katrak. The contribution of skin blood flow in warming the skin after the application of local heat; the duality of the Pennes heat equation. In print 2010, Med Eng Physics.

21. Petrofsky, J.S., Goraksh, N., Alshammari, F., Mohanan, M., Soni, J., Trivedi, M., Lee, H., Hudlikar, A.N., Yang, C., Agilan, B., Pai, N., Katrak, V. Chindam, T., Murugesan, V., Yim, J. (2010). The ability of the skin to absorb heat; the effect of repeated exposure and age. Med Sci Monit. 2010 Dec 16;17(1):CR1-8.

22. Petrofsky, J.S. Lee, H. Trivedi, M. Hudlikar, A.N. Yang, C. Goraksh, N. Alshammari, F. Mohanan, M. Soni, J. Agilan, B. Pai, N. Chindam, T. Murugesan, V. Yim, J. Katrak, V. (2010). The influence of ageing and diabetes on heat transfer characteristics of the skin to a rapidly applied heat source. Diab tech and Ther 12, 1003-1010.

23. Petrofsky, J. Gunda, S. Raju, C. Bains, CS. Bogseth, MC. Focil, N. Sirichotiratana, M. Hashemi, V. Vallabhaneni, P. Kim, Y. Madani, P. Coords, H. McClurg, M. Lohman, E. Impact of hydrotherapy on skin blood flow: How much is due to moisture and how much is due to heat? Physiother Theory Pract, 2010; 26(2):107-112.

24. Jerrold S Petrofsky, Ph.D., J.D., Katie McLellan, Ph.D., Michelle Prowse, M.S., P.T., Gurinder Bains, M.D., Lee Berk, Dr.P.H., M.P.H., C.L.S., and Scott Lee, M.D. The Effect of Body Fat, Aging, and in and Under a Waist Belt and Its Effect on Skin Blood Flow in Diabetes on Vertical and Shear Pressure. Diabetes Technology & Therapeutics, Volume 12, Number 2, 2010, Pgs 153-160.

25. Trato J, Johnson EG. Differential diagnosis and management of a patient with peripheral vestibular and central nervous system disorders: A case study. *JMMT*. 2010;18(3)159-65

26. Yung E, Asavasopon S, Godges J. Screening for Head, Neck, and Shoulder Pathology in Patients with Upper Extremity Signs and Symptoms. *Journal of Hand Therapy*. 23:2 April-June 2010

2011

PUBLICATIONS:

1. Morimoto H, Asai Y, Johnson E, Lohman E, Khoo K, Mizutani Y, Mizatani T. Effect of oculo-motor and gaze stability exercises on postural stability and dynamic visual acuity in healthy young adults. *Gait & Posture* 2011 (article in Press).
2. Lawson, D Petrofsky, JS , Bamberger, S., Lodi, T., Desai, R., Comparison of a Standard Abdominal Curl and Six Different Exercises Using a Portable Abdominal Machine in press *j appl res.* 2011
3. Petrofsky J., Paluso D., Anderson D., Swan K., Alshammari F., Katrak V., Murugesan V., Hudlikar A.N., Chindam T., Trivedi M., Lee, H., Goraksh N., Yim J. The ability of the skin to absorb heat from a locally applied heat source; the impact of diabetes. *Med Sci Monit.* 2011;17(1):CR1-8.
4. Petrofsky, JS, Bollinger, J, Jensen, M, Maru, E, Al-Nakhli, H., Batt, J Comparison of different heat modalities for treating delayed onset muscle soreness in people with diabetes. In Press *Diab Tech* 2011
5. Petrofsky J, Paluso D, Anderson D, Swan K, Alshammari F, Katrak V, Murugesan V, Hudlikar AN, Chindam T, Trivedi M, Lee H, Goraksh N, Yim JE. The Ability of Different Areas of the Skin to Absorb Heat from a Locally Applied Heat Source: The Impact of Diabetes. *Diabetes Technol Ther.* 2011 Feb 3. [Epub ahead of print]

PROFESSIONAL PRESENTATIONS:

1. Lee Berk: National Institute of Arthritis and Musculoskeletal and skin Disease – National Institute of Health. Invitation for forum participation titled: “Humor and Healing: Laughing for Health and Well Being. April, 5, 2011.

2012

Al Saif A, Johnson EG. Physical therapy management of a patient with anterior canalithiasis using the deep head hanging maneuver. 2012. *J Nov Physiother.* 2:117. <http://omicsgroup.org/journals/physical-therapy-management-of-a-patient-with-anterior-canalithiasis-using-the-deep-head-hanging-maneuver-2165-7025.1000117.php?aid=7269>.

Johnson EG, Lohman EB, Rendon A, Singh J, Cordett TK, Zimmerman G, Kajima Y, Nakao K, Sakakura M, Takeshima C. The immediate effects of ankle dorsiflexion resisted walking on ankle mobility, muscle recruitment and gait: A pilot study. *J Appl Res.* 2012;12(2):75-79. <http://jrnlappliedresearch.com/articles/Vol12Iss2/Vol12%20Iss2Johnson.pdf>.

Johnson EG, Meltzer JM. Effect of sitting pause times on postural stability after supine to standing transfer in dimly lit environments. *JGPT.* 2012;35(1):15-19. <http://www.ncbi.nlm.nih.gov/pubmed/22189950>.

Lin S, Lee JW, Modeste N, Johnson EG. Attitudes and beliefs that predict Taiwanese older adults' intentions to attend strength and balance training programs. *Journal of Applied Gerontology.* 2012;31:260-281. <http://jag.sagepub.com/content/31/2/260.full.pdf>.

Martin, BD and E Schwab. 2012. Symbiosis: “Living together” in chaos. *Studies in the History of Biology* 4(4): 7-25. http://ihst.nw.ru/images/IBI/2012/4/01%20martin_4_2012.pdf

Rendon AA, Lohman EB, Thorpe D, Johnson EG, Medina E, Bradley B. The effect of virtual reality gaming on dynamic balance in older adults. *Age and Ageing*. 2012;41(4):549-552. <http://www.ncbi.nlm.nih.gov/pubmed/22672915>.

2013

Martin, BD and E Schwab. 2013. Current usage of symbiosis and associated terminology. *International Journal of Biology* 5(1): 32-45. <http://dx.doi.org/10.5539/ijb.v5n1p32>

2014

Alshahrani A, Johnson EG, Cordett TK. Vertebral artery testing and differential diagnosis in dizzy patients. *Phys Ther Rehabil*. 2014;1:3. <http://dx.doi.org/10.7243/2055-2386-1-3>.

Martin, BD, D Thorpe, V Deluna, T Howard, J Hagemeyer, N Wilkins. 2014. Frequency in usage of Terminologia Anatomica terms by clinical anatomists. *Journal of Biomedical Education* Volume 2014, Article ID 950898, 9 pages. <http://dx.doi.org/10.1155/2014/950898>

2015

Dashtipour K, Johnson EG, Kani C, Hadi E, Ghamsary M, Pezeshkian S, Jack JC. Effect of exercise on motor and non-motor symptoms of Parkinson’s disease. *Parkinson’s Disease (Impact Factor 2.098)*. Volume 2015 (2015), Article ID 586378, 5 pages. <http://www.hindawi.com/journals/pd/2015/586378/>.

2016

Alkhateeb, AM, BJ Forrester, HS Daher, BD Martin, and AA Alonazi. 2016. Validity and reliability of wheelchair sitting posture measures using Coach’s Eye in abled subjects. *Assistive Technology* Volume 28 <http://dx.doi.org/10.1080/10400435.2016.1220994>

Al Mubarak F, Johnson EG, Daher N, Gaikwad SB, Cordett T, Aranda H. The effect of jet lag on postural stability. *J Funct Morphol Kinesiol*. 2016;1(2):200–208. <http://www.mdpi.com/2411-5142/1/2/200>.

Alqabbani S, Johnson EG, Daher N, Gaikwad SB, Deshpande S. The effect of wearing headscarves on cervical spine proprioception. *Int J Physiother Res*. 2016;4(2):1389-93. <http://dx.doi.org/10.16965/ijpr.2015.205>.

Alyahya D, Johnson EG, Daher N, Gaikwad SB, Deshpande S, Cordett TK, Zidek L. The effect of vestibular rehabilitation exercises on chronic motion sensitivity: A randomized controlled trial. *Phys Ther Rehabil*. 2016; 3:1. <http://dx.doi.org/10.7243/2055-2386-3-1>.

Alshahrani A, Bussell M, Johnson EG, Tsao B, Bahjri K. The effects of a novel therapeutic intervention in diabetic peripheral neuropathy patients. *Arch Phys Med Rehabil.*2016;97(5):7338.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=intraneural+facilitation>.

Alyahya D, Johnson EG, Daher N, Gaikwad SB, Deshpande S. Postural control in healthy young adults with and without chronic motion sensitivity. *Int J Physiother.* 2016;3(1):1-4.
<https://www.ijphy.org/index.php/journal/article/view/144/132>.

Gaikwad SB, Mukherjee T, Shah P, Ambode O, Johnson EG, Daher N. Home exercise program adherence in vestibular rehabilitation: A systematic review. *Phys Ther Rehabil Sci* 2016;5:53-62.
<http://dx.doi.org/10.14474/ptrs.2016.5.2.53>.