

## SPME 430 Project References

### Group 1

- Augustsson, J., Thomee, R., Linden, R., Folkesson, M., Tranberg, R., & Karlsson, J. (2006, April). Single-leg hop testing following fatiguing exercise: reliability and biomechanical analysis. *Scandinavian Journal of Medicine & Science in Sports*, *16*(2), 111-120. Retrieved January 29, 2009, from SPORTDiscus with Full Text database.
- Bini, R. R., Diefenthaler, F., & Mota, C. B. (2008). Fatigue effects on the coordinate pattern during cycling: Kinetics and kinematics evaluation. *Journal of Electromyography and Kinesiology*. Retrieved January 30, 2009, from ScienceDirect database.
- Borotikar, B., Newcomer, R., Koppes, R., McLean, S. (2008, January). Combined effects of fatigue and decision making on female lower limb landing postures: Central and peripheral contributions to ACL injury risk. *Clinical Biomechanics*, *23*(1), 81-92. Retrieved January 29, 2009, from Scopus database.
- Chappell, J., Herman, D., Knight, B., Kirkendall, D., Garrett, W., & Yu, B. (2005, July). Effect of Fatigue on Knee Kinetics and Kinematics in Stop-jump Tasks. *American Journal of Sports Medicine*, *33*(7), 1022-1029. Retrieved January 29, 2009, from SPORTDiscus with Full Text database.
- Coventry, E., O'Connor, K. M., Hart, B. A., Earl, J. E., & Ebersole, K. T. (2006, December). The effect of lower extremity fatigue on shock attenuation during single-leg landing. *Clinical Biomechanics*, *21* (10), 1090-1097. Retrieved January 30, 2009, from ScienceDirect database.
- Gehring, D., Melnyk, M., Gollhofer, A. (2009, January). Gender and fatigue have influence on knee joint control strategies during landing. *Clinical Biomechanics*, *24*(1), 82-7. Retrieved January 29, 2009, from PubMed with Full Text database.
- Madigan, M. L., & Pidcoe, P. E. (2003, October). Changes in landing biomechanics during a fatiguing landing activity. *Journal of Electromyography and Kinesiology*, *13* (5), 491-498. Retrieved January 30, 2009, from ScienceDirect database.
- Martin, J. C., & Brown, N. A.T. (2008). Joint-specific power production and fatigue during maximal cycling. *Journal of Biomechanics*. Retrieved January 30, 2009, from ScienceDirect database.
- Mizrahi, J., Verbitsky, O., Isakov, E., & Daily, D. (2000, July). Effect of fatigue on leg kinematics and impact acceleration in long distance running. *Human Movement Science* *19* (2), 139-151. Retrieved January 30, 2009, from ScienceDirect database.
- Moran, K., Marshall, B. (2006, October). Effect of fatigue on tibial impact accelerations and knee kinematics in drop jumps. *Medicine in Science in Sports and Exercise* *38*(10), 1836-42. Retrieved January 29, 2009, from Scopus database.

- Orishimo, Karl F., Kremenec, Ian J. (2006, November). Effect of Fatigue on Single-Leg Hop Landing Biomechanics. *Journal of Applied Biomechanics*, 22(4), 245-54. Retrieved January 28, 2009, from Scopus Database.
- Rodacki, F., Andre L., et.al., (2001, July). Multi-segment coordination: fatigue effects. *Medicine and Science in Sports Medicine*, 33(7), 1157-67. Retrieved January 28, 2009, from Scopus Database.
- Rodacki, A., Fowler, N., & Bennett, S. (2002, January). Vertical jump coordination: fatigue effects. *Medicine & Science in Sports & Exercise*, 34(1), 105-116. Retrieved January 29, 2009, from SPORTDiscus with Full Text database.
- Ryan, W., Harrison, A., & Hayes, K. (2006, January). Functional Data Analysis of Knee Joint Kinematics in the Vertical Jump. *Sports Biomechanics*, 5(1), 121-138. Retrieved January 29, 2009, from SPORTDiscus with Full Text database.
- Sanna, G., & O'Conner, K. (2008, August). Fatigue-related changes in stance leg mechanics during sidestep cutting maneuvers. *Clinical Biomechanics*, 23(7), 946-954. Retrieved January 29, 2009, from SPORTDiscus with Full Text database.

## Group 2

- Ae, M., Shibukawa, K. (1980). A biomechanical method for the analysis of the contribution of the body segments with an example of vertical jump takeoff. *Japanese Journal of Physical Education* 25, 233-243
- Ashby, B.M., Heegaard, J.H. (2002). Role of arm motion in the standing long jump. *Journal of Biomechanics*, 35 (12), 1631-7
- Cheng, K.B., Wang, C., Chen, H., Wu, C., Chiu, H. (2008). The mechanisms that enable arm motion to enhance vertical jump performance – A simulation study. *Journal of Biomechanics*, 41 (9), 1840-1846
- Feltner, M.E., Frascetti, D.J., Crisp, R.J. (1999). Upper extremity augmentation of lower extremity kinetics during countermovement vertical jumps. *Journal of Sports Science*, 17 (6), 449-66
- Feltner, M.E., Bishop, E.J., Perez, C.M. (2004). Segmental and Kinetic Contributions in Vertical Jumps Performed With and Without an Arm Swing. *Research Quarterly for Exercise and Sport*, 75 (3), 216-23
- Hara, M., Shibayama, A., Arakawa, H., Fukashiro, S. (2006). The effect of arm swing on lower extremities in vertical jumping. *Journal of Biomechanics*, 39 (13), 2503-11
- Hara, M., Shibayama, A., Takeshita, D., Hay, D.C., Fukashiro, S. (2008). A comparison of the mechanical effect of arm swing and countermovement on the lower extremities in vertical jumping. *Human Movement Science* 27 (4), 636-48

- Harman, E.A., Rosenstein, M.T., Frykman, P.N., Rosenstein, R.M. (1990). The effects of arms and countermovement on vertical jumping. *Medicine and Science in Sports and Exercise*, 22 (6), 825-833
- Lees, A., Barton, G. (1996). The interpretation of relative momentum data to assess the contribution of the free limbs to the generation of vertical velocity in sports activities. *Journal of Sports Sciences* 13, 503-511
- Lees, A., Vanrenterghem J., De Clercq D. (2006). The energetics and benefit of an arm swing in submaximal and maximal vertical jump performance. *Journal of Sports Science*, 24 (1), 51-7
- Lees, A., Vanrenterghem J., De Clercq D. (2004). Understanding how an arm swing enhances performance in the vertical jump. *Journal of Biomechanics*, 37 (12), 1929-40
- Luhtanen, P., Komi, P.V. (1978). Segmental contribution to forces in vertical jump. *European Journal of Applied Physiology*, 38 (3), 181-188
- Shetty, A.B., Etnyre, B.R. (1989). Contribution of arm movement to the force components of a maximum vertical jump. *Journal of Orthopaedic and Sports Physical Therapy*, 11 (5), 198-201
- Walsh, M.S., Böhm, H., Butterfield, M.M., Santhosam, J. (2007). Gender bias in the effects of arms and countermovement on jumping performance. *The Journal of Strength and Conditioning Research*, 21 (2), 362-366
- Yamazaki, Y., Suzuki, M., Ohkuwa, T., Itoh, H., Mano, T. (1995). The influence of arm movements on a vertical jump. *Environmental Medicine*, 39 (2), 153-156

### Group 3

- Aagaard, H., Scavenius, M., & Jørgensen, U. (1997). An epidemiological analysis of the injury pattern in indoor and in beach volleyball. *International Journal of Sports Medicine*, 18(3), 217-221.
- Barrett, R.S., Neal, R.J., Roberts, L.J. The Dynamic Loading Response of Surfaces Encountered in Beach Running (1998) *Journal of Science and Medicine in Sport*, 1 (1), pp. 1-11.
- Farley, C.T., Houdijk, H.H.P., Van Strien, C., Louie, M. Mechanism of leg stiffness adjustment for hopping on surfaces of different stiffnesses (1998) *Journal of Applied Physiology*, 85 (3), pp. 1044-1055.
- Ferris, D.P., Louie, M., Farley, C.T. Running in the real world: Adjusting leg stiffness for different surfaces (1998) *Proceedings of the Royal Society B: Biological Sciences*, 265 (1400), pp. 989-994.
- Giatsis, G., Kollias, I., Panoutsakopoulos, V., & Papaikovou, G. (2004, January). Biomechanical Differences in Elite Beach-Volleyball Players in Vertical Squat Jump on Rigid and Sand Surface. *Sports Biomechanics*, 3(1), 145-158.

- Henschen, K., Heil, J., Bean, B., & Crain, S. (1989, Autumn). Football injuries: is grass or Astroturf the culprit?. *UAHPERD Journal*, 21, 5-7.
- Livesay, G., Reda, D., & Nauman, E. (2006, March). Peak Torque and Rotational Stiffness Developed at the Shoe-Surface Interface The Effect of Shoe Type and Playing Surface. *American Journal of Sports Medicine*, 34(3), 415-422.
- McNitt-Gray, J., Irvine, D., Barbieri, C., & Anderson, D. (1991). The effect of landing surface on muscle activity in preparation for landing. In *American Society of Biomechanics: proceedings for the 15th Annual Meeting, Arizona State University, Tempe, Arizona, October 16-18, 1991*, American Society of Biomechanics, 1991, p. 230-231 United States.
- Moritz, C.T., Farley, C.T. Human hopping on damped surfaces: Strategies for adjusting leg mechanics (2003) *Proceedings of the Royal Society B: Biological Sciences*, 270 (1525), pp. 1741-1746.
- Orendurff, M., Rohr, E., Segal, A., Medley, J., Green III, J., & Kadel, N. (2008, March). Regional Foot Pressure During Running, Cutting, Jumping, and Landing. *American Journal of Sports Medicine*, 36(3), 566-571. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.
- Pfirrmann, C. W. A., Jost, B., Pirkl, C., Aitzetmüller, G., & Lajtai, G. (2008). Quadriceps tendinosis and patellar tendinosis in professional beach volleyball players: Sonographic findings in correlation with clinical symptoms. *European Radiology*, 18(8), 1703-1709.
- Skelly, W., Darby, L., & Phillips, K. (2003, May). PHYSIOLOGICAL AND BIOMECHANICAL RESPONSES TO THREE DIFFERENT LANDING SURFACES DURING STEP AEROBICS. *Journal of Exercise Physiology Online*, 6(2), 70-79.
- Smith, R., & Santana, J. (2006, October). Movement in the Sand: Training Implications for Beach Volleyball. *Strength & Conditioning Journal*, 28(5), 19-21.
- Tessutti, V., Trombini-Souza, F., Ribeiro, A. P., Nunes, A. L., & Sacco, I. d. C. N. In-shoe plantar pressure distribution during running on natural grass and asphalt in recreational runners. *Journal of Science and Medicine in Sport*, Retrieved from [www.scopus.com](http://www.scopus.com)
- Tilp, M., Wagner, H., & Muller, E. (2008, September). Differences in 3D kinematics between volleyball and beach volleyball spike movements. *Sports Biomechanics*, 7(3), 386-397.
- Zamparo, P., Perini, R., Orizio, C., Sacher, M., Ferretti, G. The energy cost of walking or running on sand (1992) *European Journal of Applied Physiology and Occupational Physiology*, 65 (2), pp. 183-187.

#### Group 4

- Bobbert, M. F., Huijting, P. A., Jan Van Ingen Schenau, G. (1987). The influence of jumping technique on the biomechanics of jumping. *Medicine and Science in Sports & Exercise*, 19, 332-338.
- Bobbert, M. F., Mackay, M., Schinkelshoek, D., Huijting, P. A., Van Ingen Schenau, G. (1986). Biomechanical analysis of drop and countermovement jumps. *European Journal of Applied Physiology & Occupational Physiology*, 54, 566-573.
- Brodts, V., Wagner, D. R., Heath, E. M. (2008). Countermovement vertical jump with drop step is higher than without in collegiate football players. *Journal of Strength & Conditioning Research*, 22, 1382-1385.
- Cormack, S. J., Newton, R. U., McGulgan, M. R., Doyle, T. L. A. (2008). Reliability of measure obtained during single and repeated countermovement jumps. *International Journal of Sports Physiology & Performance*, 3, 131-144.
- Feltner, M. E., Frascetti, D. J., Crisp, R. J. (1999). Upper extremity augmentation of lower extremity kinetics during countermovement vertical jumps. *Journal of Sports Science*, 6, 449-466.
- Hara, M., Shibayama, A., Takeshita, D., Hay, D. C., Fukashiro, S. (2008). A comparison of the mechanical effect of arm swing and countermovement on the lower extremities in vertical jumping. *Human Movement Science*, 4, 636-648.
- Hara, M., Shibayama, A., Takeshita, D., Fukashiro, S. (2006). The effect of arm swing on lower extremities in vertical jumping. *Journal of Biomechanics*, 13, 2503-2511.
- Hatze, H. (1998). Validity and reliability of methods for testing vertical jumping performance. *Journal of Applied Biomechanics*, 14, 127-140.
- Hudson, J. L. (1986). Coordination of segments in the vertical jump. *Medicine and Science in Sports and Exercise*, 18, 242-251.
- McCaulley, G., Cormie, P., Cavill, M., Nuzzo, J., Urbiztondo, Z., McBride, J. (2007). Mechanical efficiency during repetitive vertical jumping. *European Journal of Applied Physiology*, 10, 115-123.
- Noyes, F. R., Barber-Westin, S. D., Fleckenstein, C., Walsh, C., West, J. (2005). Difference in lower limb control by gender and effect of neuromuscular training in female athletes. *The American Journal of Sports Medicine*, 33, 197-207.
- Stalboom, M., Holm, D. J., Cronin, J. B., Keogh, J. W. L. (2007). Reliability of kinematics and kinetics associated with horizontal single leg drop jump assessment. *Journal of Sports Science & Medicine*, 6, 261-264.
- Stephens II, T., Lawson, B., DeVoe, D., Reiser II, R. (2007). Gender and bilateral differences in single-leg countermovement jump performance with comparison to a double-leg jump. *Journal of Applied Biomechanics*, 23, 190-202.

Weston, J. (1994). A study of biomechanical variables in the countermovement jump and the drop jump performed by female intercollegiate athletes.

Young, W., Pryor, J., Wilson, G. (1995). Effect of instructions on characteristics of countermovement and drop jump performance. *Journal of Strength & Conditioning Research*, 9, 232-236.

#### Group 5

Cheng KB. (2008 August). The relationship between joint strength and standing vertical jump performance. *J Appl Biomech*, 24(3), 224-233. Retrieved February 2, 2009 from PubMed database.

De Ruitter, C., Vermeulen, G., Toussaint, H., & De Haan, A. (2007, August). Isometric Knee-Extensor Torque Development and Jump Height in Volleyball Players. *Medicine & Science in Sports & Exercise*, 39(8), 1336-1346. Retrieved February 2, 2009, from SPORTDiscus with Full Text database.

DiStefano LJ., Padua DA., Brown CN., & Guskiewicz KM. (2008 May). Lower extremity kinematics and ground reaction forces after prophylactic lace-up ankle bracing. *J Athletic Training*, 43(3), 234-241. Retrieved February 3, 2009 from Scopus database.

Elvin N., Elvin A., Arnoczky S., & Torry M. (2007). The correlation of segment accelerations and impact forces with knee angle in jump landing. *J Appl Biomech*, 23, 203-212. Retrieved February 3, 2009 from EBSCOhost databases.

Ford, K., Myer, G., Smith, R., Byrnes, R., Dopirak, S., & Hewett, T. (2005, May). USE OF AN OVERHEAD GOAL ALTERS VERTICAL JUMP PERFORMANCE AND BIOMECHANICS. *Journal of Strength & Conditioning Research* (Allen Press Publishing Services Inc.), 19(2), 394-399. Retrieved February 2, 2009, from SPORTDiscus with Full Text database.

Giatsis G., Kollias I., Panoutsakopoulos V., & Papiakovou G. Biomechanical differences in elite beach-volleyball players in vertical squat jump on rigid and sand surface. *Sports Biomechanics*, 3(1), 145-158. Retrieved February 3, 2009 from EBSCOhost database.

Harrison, A., Ryan, W., & Hayes, K. (2007, May). Functional data analysis of joint coordination in the development of vertical jump performance. *Sports Biomechanics*, 6(2), 199-214. Retrieved February 2, 2009, from SPORTDiscus with Full Text database.

Jensen, J., Phillips, S., & Clark, J. (1994, September). For young jumpers, differences are in the movement's control, not its coordination. / Pour les jeunes sauteurs, les differences sont dans le controle du mouvement et non dans sa coordination. *Research Quarterly for Exercise & Sport*, 65(3), 258-268. Retrieved February 2, 2009, from SPORTDiscus with Full Text database.

Knudson, D. (1999, October). Validity and reliability of visual ratings of the vertical jump. *Perceptual & Motor Skills*, 89(2), 642-648. Retrieved February 2, 2009, from SPORTDiscus with Full Text database.

- McBride JM., McCaulley GO., & Cormie P. (2008 May). Influence of preactivity and eccentric muscle activity on concentric performance during vertical jumping. *J Strength Cond Res*, 22(3), 750-757. Retrieved February 2, 2009 from PubMed database.
- Moran, KA., Wallace, ES. (2007 December). Eccentric loading and range of knee joint motion effects on performance enhancement in vertical jumping. *Hum Mov Sci*, 26(6), 824-840. Retrieved February 2, 2009 from PubMed database.
- Ryan W., Harrison AJ., & Hayes K. (2006). Functional data analysis in biomechanics: a case study of knee joint vertical jump kinematics. *Sports Biomechanics*, 5, 123-138. Retrieved February 3, 2009 from Scopus database.
- Rousanoglou EN., Georgiadis GV., & Boudolos KD. (2008 July). Muscular strength and jumping performance relationships in young women athletes. *J Strength Cond Res*, 22(4), 1375-1378. Retrieved February 2, 2009 from PubMed database.
- Tomioka M., Owings T., & Grabiner M. (2001). Lower extremity strength and coordination are independent contributors to maximum vertical jump. *J Appl Biomech*, 17, 181-187. Retrieved February 3, 2009 from EBSCOhost databases.
- Vanrenterghem J., Lees A., & Clercq DD. (2008 May). Effect of forward trunk inclination on joint power output in vertical jumping. *J Strength Cond Res*, 22(3), 708-714. Retrieved February 2, 2009 from PubMed database.

#### Group 6

- Billaut, F., Basset, F., Giacomoni, M., Lemaitre, F., Tricot, V., & Falgairette, G. (2006, January). Effect of High-Intensity Intermittent Cycling Sprints on Neuromuscular Activity. *International Journal of Sports Medicine*, 27(1), 25-30. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.
- Chappell, J., Herman, D., Knight, B., Kirkendall, D., Garrett, W., & Yu, B. (2005, July). Effect of Fatigue on Knee Kinetics and Kinematics in Stop-Jump Tasks. *American Journal of Sports Medicine*, 33(7), 1022-1029. Retrieved February 3, 2009, doi:10.1177/0363546504273047
- Gollhofer, A., Komi, P., Miyashita, M., & Aura, O. (1987, April). Fatigue during stretch-shortening cycle exercises: changes in mechanical performance of human skeletal muscle. *International Journal of Sports Medicine*, 8(2), 71-78. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.
- Hortobagyi, T., Lambert, N., & Kroll, W. (1991, June). Voluntary and reflex responses to fatigue with stretch-shortening exercise. *Canadian Journal of Sport Sciences*, 16(2), 142-150. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.
- Kesar, T., Chou, L., & Binder-Macleod, S. (2008, August). Effects of stimulation frequency versus pulse duration modulation on muscle fatigue. *Journal of Electromyography &*

*Kinesiology*, 18(4), 662-671. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.

Kellis, E., & Kouvelioti, V. (2009, February). Agonist versus antagonist muscle fatigue effects on thigh muscle activity and vertical ground reaction during drop landing. *Journal of Electromyography & Kinesiology*, 19(1), 55-64. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.

Nicol, C., Komi, P., & Marconnet, P. (1991, February). Fatigue effects of marathon running on neuromuscular performance. 1. Changes in muscle force and stiffness characteristics. *Scandinavian Journal of Medicine & Science in Sports*, 1(1), 10-17. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.

Nummela, A., Vuorimaa, T., & Rusko, H. (1992, June). Changes in force production, blood lactate and EMG activity in the 400-m sprint. *Journal of Sports Sciences*, 10(3), 217-228. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.

Oliver, J., Armstrong, N., & Williams, C. (2008, January 15). Changes in jump performance and muscle activity following soccer-specific exercise. *Journal of Sports Sciences*, 26(2), 141-148. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.

Orishimo, K., & Kremenec, I. (2006, November). Effect of Fatigue on Single-Leg Hop Landing Biomechanics. *Journal of Applied Biomechanics*, 22(4), 245-254. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.

Rodacki, A., Fowler, N., & Bennett, S. (2002, January). Vertical jump coordination: fatigue effects. / Coordination du saut vertical: effets de la fatigue. *Medicine & Science in Sports & Exercise*, 34(1), 105-116. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.

Skurvydas, S., Jascaninas, J., Zachovajevs, Z., & Skurvydas, A. (2000, May). Changes in height of jump, maximal voluntary contraction force and low-frequency fatigue after 100 intermittent or continuous jumps with maximal intensity. *Acta Physiologica Scandinavica*, 169(1), 55-62. Retrieved February 3, 2009, from Academic Search Elite database.

Skurvydas, A., Sreckis, V., & Viru, A. (1998). Differences in low-frequency fatigue of boys (basketball players) skeletal muscle after performing intermittent and continuous 100 jumps with maximal intensity. *Coaching & Sport Science Journal*, 3(3), 24-30. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.

Szabo, T., & Szmodis, I. (1980). Study on the effect of different grades of fatigue on the force platform characteristics of the standing high jump. (Abstract). In Ostin, M., Beunen, G. and Simons, J. (ed.), *Kinanthropometry II*, Baltimore, University Park Press, 1980, p. 453 . Retrieved February 3, 2009, from SPORTDiscus with Full Text database.

- Thorlund, J., Michalsik, L., Madsen, K., & Aagaard, P. (2008, August). Acute fatigue-induced changes in muscle mechanical properties and neuromuscular activity in elite handball players following a handball match. *Scandinavian Journal of Medicine & Science in Sports*, 18(4), 462-472. Retrieved February 3, 2009, doi:10.1111/j.1600-0838.2007.00710.x
- Toumi, H., Poumarat, G., Best, T., Martin, A., Fairclough, J., & Benjamin, M. (2006, October). Fatigue and muscle–tendon stiffness after stretch–shortening cycle and isometric exercise. *Applied Physiology, Nutrition & Metabolism*, 31(5), 565-572. Retrieved February 3, 2009, from SPORTDiscus with Full Text database.

### Group 7

- Anderson, G., & Winters, J. Role of Muscle in Postural Tasks: Spinal Loading and Postural Stability. Multiple Muscle Systems, Winters and Woo. Springer Verlag, New York, New York, 1990.
- Aragon-Vargas, L. & Gross, M. (1997). Kinesiological factors in vertical jump performance: differences among individuals. *Journal of Applied Biomechanics*, 13, 24-44.
- Chapman, A.E., Biomechanical Analysis of Fundamental Human Movements. Human Kinetics Publishers, 135-149.
- Feltner, M. E., Frascettim, D. J., & Crisp, R. J. (1999). Upper extremity augmentation of lower extremity kinetics during countermovement vertical jumps. *Journal of Sport Sciences*, 17, 449-466.
- Gerodimos, V., Zafeiridis, A., Perkos, S., Dipla, K., Manou, V., & Kellis, S. (2008). The Contribution of Stretch-Shortening Cycle and Arm-Swing to Vertical Jumping Performance in Children, Adolescents, and Adult Basketball Players. *Pediatric Exercise Science*, 20, 379.
- Hara, M., Shibayama, A., Takeshita, D., & Fukashiro, S. (2006). The effect of arms and countermovement on vertical jumping. *Journal of Biomechanics*, 39, 2503-2511.
- Hara, M., Shibayama, A., Takeshita, D., Hay, D., & Fukashiro, S. (2008). A comparison of the mechanical effect of arm swing and countermovement on the lower extremities in vertical jumping. *Human Movement Science*, 27, 636-648.
- Hocksmuth, G. The Biomechanics of Athletic Movement. Sportverlag, Berlin, 1984.
- Cheng, K., Wang, C., Chen, H., Wun, C., & Chiu, H., (2008). The mechanisms that enable arm motion to enhance vertical jump performance-A stimulation study. *Journal of Biomechanics*, 41, 1847-1854.
- Lees, A., & Barton, G. (1996). The interpretation of relative momentum data to assess the contribution of the free limbs to the generation of vertical velocity in sports activities. *Journal of Sport Sciences*, 14, 503-511.

- Lees, A., Rojas, J., Cepero, M., Soto, V., & Gutierrez, M. (2000). How the free limbs are used by elite high jumpers in generating vertical velocity. *Ergonomics*, *43*, 1622-1636.
- Lees, A., Vanrenterghem, J., & Clercq, D. D. (2004). Understanding how an arm swing enhances performance in the vertical jump. *Journal of Biomechanics*, *37*, 1929-1940.
- Lees, A., Vanrenterghem, J., & Clercq, D. D. (2006). The energetic s and benefit of an arm swing in submaximal and maximal vertical jumping performance. *Journal of Sport Sciences*, *24*, 51-57.
- Walsh, M., Harald, B., Butterfield, M., & Santhosam, J. (2007). Gender Bias in the Effects of Arms and Countermovement on Jumping Performance. *Journal of Strength and Conditioning Research*, *21*, 362-366.
- Walsh, M., Waters, J., Bohm, H., & Potteriger, J. (2007). Gender Bias in Jumping Kinetics in National Collegiate Athletic Association Division I Basketball Players. *Journal of Strength & Conditioning Research*, *21*, 958.
- Wilson, J.D., Macleod, S.B. & Davis, I.S. (2008). Lower Extremity Jumping Mechanics of Female Athletes With and Without Patellofemoral Pain Before and After Exertion. *American Journal of Sports Medicine*, *36*, 1587-1596.

#### Group 8

- Chantal, Y. (1996). Motivation and Elite Performance: An Exploratory Investigation with Bulgarian Athletes. *International Journal of Sport Psychology*, *27*.
- David, T., Edwards, C., & McGuigan, M. (2008). Self-talk influences vertical jump performance and kinematics in male rugby union players. *Journal of Sports Sciences*, *26* (13), 1459-1465.
- Hardy, J. (2006). Speaking clearly: A review of the self-talk literature. *Psychology of Sport & Exercise*, *7* (1), 81-97.
- Hatzigeorgiadis, A., Zourbanos, N., Goltsios, C., & Theodorakis, Y. (2008). Investigating the Functions of Self-Talk: The Effects of Motivational Self-Talk on Self-Efficacy and Performance in Young Tennis Players. *Sport Psychologist*, *22*(4), 458-471.
- Huddleston, S., Peng, L. & Wang, L. (2003). Psychological skill use by Chinese swimmers. *International Sports Journal*, *7* (1), 48-55.
- Jowett, S. (2008). What makes coaches tick? The impact of coaches' intrinsic and extrinsic motives on their own satisfaction and that of their athletes. *Scandinavian Journal of Medicine & Science in Sports*, *18*(5), 664-673.
- Nordin, S., & Cumming, J. (2008). Types and functions of athletes' imagery: testing predictions from the applied model of imagery use by examining effectiveness. *International Journal of Sport & Exercise Psychology*, *6*(2), 189-206.

- Ntoumanis (2001). A self-determination approach to the understanding of motivation in physical education. *British Journal of Educational Psychology*, 71.
- Pelletier, L.G. (1995). Toward a New Measure of Intrinsic Motivation, Extrinsic Motivation, and A Motivation in Sports: The Sport Motivation Scale (SMS). *Journal of Sports & Exercise Psychology*, 17.
- Posner, A. E., Walker, G.L., & Wise, J.B. (2004). Verbal messages strengthen bench press efficacy. *Journal of Strength and Conditioning Research*, 18 (1), 26.
- Schunk, D. (1995). Self-efficacy, motivation and performance. *Journal of Applied Sport Psychology*, 7.
- Trunnell, E.P., & Wise, J.B. (2001). The influence of sources of self-efficacy upon efficacy strength. *Journal of Sport & Exercise Psychology*, 23 (4), 268-280.
- Vallerand, R.J. (1999). An Integrative Analysis of Intrinsic and Extrinsic Motivation in Sport. *Journal of Applied Sport Psychology*, 11.