

# References

## Chapter 1

- Aboderin, I., A. Kalache, Y. Ben-Shlomo, J.W. Lynch, C.S. Yajnik, D. Kuh, and D. Yach. 2001. *Life course perspectives on coronary heart disease, stroke, and diabetes: Key issues and implications for policy and research*. Geneva: World Health Organization.
- Bouchard, C. 1994. Physical activity, fitness, and health: Overview of the consensus symposium. In *Toward active living. Proceedings of the International Conference on Physical Activity, Fitness, and Health*, edited by H.A. Quinney, L. Gauvin, and A.E.T. Wall. Champaign, IL: Human Kinetics, pp. 7-14.
- Bouchard, C., and R.J. Shephard. 1994. Physical activity, fitness, and health: The model and key concepts. In *Physical activity, fitness, and health*, edited by C. Bouchard, R.J. Shephard, and T. Stephens. Champaign, IL: Human Kinetics, pp. 77-88.
- Brown, J.R., and G.P. Crowden. 1963. Energy expenditure ranges and muscular work grades. *British Journal of Industrial Medicine* 20: 227.
- Dishman, R.K. 1988. Determinants of participation in physical activity. In *Exercise, fitness and health: A consensus of current knowledge*, edited by C. Bouchard, R.J. Shephard, T. Stephens, J.R. Sutton, and B.D. McPherson. Champaign, IL: Human Kinetics, pp. 33-48.
- Flegal, K.M., B.I. Graubard, D.F. Williamson, and M.H. Gail. 2005. Excess deaths associated with underweight, overweight, and obesity. *Journal of the American Medical Association* 293(15): 1861-1867.
- Krauss, H., and W. Raab. 1961. *Hypokinetic diseases*. Springfield IL: Charles C Thomas.
- Malina R.M. 1991. Darwinian fitness, physical fitness and physical activity. In *Applications of biological anthropology*, edited by C.G.N. Mascie-Taylor and G.W. Lasker. Cambridge, UK: Cambridge University Press, pp. 143-184.
- McIntosh, P.C. 1980. "Sport for All" programmes throughout the world. Paris: UNESCO.
- Mokdad, A.H., J.S. Marks, D.F. Stroup, and J.L. Gerberding. 2004. Actual causes of death in the United States, 2000. *Journal of the American Medical Association* 291: 1238-1245.
- Paffenbarger, R., R.T. Hyde, and A.L. Wing. 1990. Physical activity and physical fitness as determinants of health and longevity. In *Exercise, fitness and health: A consensus of current knowledge*, edited by C. Bouchard, R.J. Shephard, T. Stephens, J.R. Sutton, and B.D. McPherson. Champaign, IL: Human Kinetics, pp. 33-48.
- Pate, R.R. 1988. The evolving definition of fitness. *Quest* 40: 174-179.
- Pucher, J. 1997. Bicycling boom in Germany: A revival engineered by public policy. *Transportation Quarterly* 51: 31-36.
- Reddy, K.S. 2004. Cardiovascular disease in non-Western countries. *New England Journal of Medicine* 350: 2438-2440.
- World Health Organization. 1948. *Constitution of the World Health Organization. Basic documents*. Geneva: World Health Organization.
- World Health Organization. 1968. *Meeting of investigators on exercise tests in relation to cardiovascular function*. Geneva: World Health Organization.
- World Health Organization. 1998. *The world health report 1998—Life in the 21st century: A vision for all*. Geneva: World Health Organization.
- World Health Organization. 2002. *The world health report 2002—Reducing risks, promoting healthy life*. Geneva: World Health Organization.
- Yusuf, S., S. Hawken, S. Ounpuu, T. Dans, A. Avzeum, F. Lanas, M. McQueen, A. Budaj, P. Pais, J. Varigos, and L. Lisheng. 2004. Effect of potentially modifiable risk factors associated with myocardial infarction in 52 countries (the INTERHEART study) case-control study. *Lancet* 364: 937-952.

## Chapter 2

- American College of Sports Medicine. 1975. *Guidelines for graded exercise testing and prescription*. Philadelphia: Lea & Febiger.
- American College of Sports Medicine. 1978. Position statement—The recommended quantity and quality of exercise for developing and maintaining fitness in healthy adults. *Medicine and Science in Sports and Exercise* 10: vii-x.
- American Heart Association. 1975. *Exercise testing and training of individuals with heart disease or at high risk for its development*. Dallas: American Heart Association.
- Bouchard, C. 1991. Heredity and the path to overweight and obesity. *Medicine and Science in Sports and Exercise* 23: 285-291.
- Bouchard, C., P. An, T. Rice, J.S. Skinner, J.H. Wilmore, J. Gagnon, L. Perusse, A.S. Leon, and D.C. Rao. 1999. Familial aggregation of VO<sub>2</sub>max response to exercise training: Results from the HERITAGE Family Study. *Journal of Applied Physiology* 87: 1003-1008.
- Bowerman, W.J., and W.E. Harris. 1967. *Jogging*. New York: Grosset and Dunlap.
- Cooper, K.H. 1968. *Aerobics*. New York: Bantam Books.
- Crespo, C.J., S.J. Keteyian, G.W. Heath, and C.T. Sempos. 1996. Leisure-time physical activity among US adults. Results from the Third National Health



- and Nutrition Examination Survey. *Archives of Internal Medicine* 156(1): 93-98.
- Duncan, J.J., N.F. Gordon, and C.B. Scott. 1991. Women walking for health and fitness. How much is enough? *Journal of the American Medical Association* 266: 3295-3299.
- Fletcher, G.F., S.N. Blair, J. Blumenthal, C. Caspersen, B. Chaitman, S. Epstein, H. Falls, E.S. Froelicher, V.F. Froelicher, and I.L. Pina. 1992. Statement on exercise. Benefits and recommendations for physical activity programs for all Americans. A statement for health professionals by the Committee on Exercise and Cardiac Rehabilitation of the Council on Clinical Cardiology, American Heart Association. *Circulation* 86: 340-344.
- Haskell, W.L. 1984. The influence of exercise on the concentrations of triglyceride and cholesterol in human plasma. *Exercise and Sport Sciences Reviews* 12: 205-244.
- Karvonen, M.J., E. Kentala, and O. Mustala. 1957. The effects of training on heart rate: A longitudinal study. *Annals of Medicine Experimental Biology Fennica* 35: 307-315.
- King, A.C. 1991. Community intervention for promotion of physical activity and fitness. *Exercise and Sport Sciences Reviews* 19: 211-259.
- King, A.C. 1994. Community and public health approaches to the promotion of physical activity. *Medicine and Science in Sports and Exercise* 26: 1405-1412.
- Marcus, B.H., V.C. Selby, R.S. Niaura, and J.S. Rossi. 1992. Self-efficacy and the stages of exercise behavior change. *Research Quarterly for Exercise and Sport* 63: 60-66.
- Marcus, B.H., and L.R. Simkin. 1993. The stages of exercise behavior. *Journal of Sports Medicine and Physical Fitness* 33: 83-88.
- Morris, J.N., and M.D. Crawford. 1958. Coronary heart disease and physical activity of work: Evidence of a national necropsy survey. *British Medical Journal* 30: 1485-1496.
- Morris, J.N., J.A. Heady, P.A. Raffle, C.G. Roberts, and J.N. Parks. 1953. Coronary heart disease and physical activity at work. *Lancet* 265: 1053-1057, 1111-1120.
- NIH Consensus Development Panel on Physical Activity and Cardiovascular Health. 1996. Physical activity and cardiovascular health. *Journal of the American Medical Association* 276: 241-246.
- Paffenbarger, R.S., Jr., S.N. Blair, and I.M. Lee. 2001. A history of physical activity, cardiovascular health and longevity: The scientific contributions of Jeremy N Morris, DSc, DPH, FRCP. *International Journal of Epidemiology* 30: 1184-1192.
- Paffenbarger, R.S., Jr., A.L. Wing, and R.T. Hyde. 1978. Physical activity as an index of heart attack risk in college alumni. *Journal of Epidemiology* 108: 161.
- Pate, R.R., M. Pratt, S.N. Blair, W.L. Haskell, C.A. Macera, C. Bouchard, D. Buchner, W. Ettinger, G.W. Heath, A.C. King, A. Kriska, A.S. Leon, S.E. Marcus, J. Morris, R.S. Paffenbarger, Jr., K. Patrick, M.L. Pollock, J.M. Rippe, J.F. Sallis, and J.H. Wilmore. 1995. A recommendation from the Centers for Disease Control and Prevention and the American College of Sports Medicine. *Journal of the American Medical Association* 273: 402-407.
- Tipton, C.M. 1984. Exercise, training, and hypertension. *Exercise and Sport Sciences Reviews* 12: 245-306.
- U.S. Department of Agriculture. 2004. Nutrition and Your Health: Dietary Guidelines for Americans, 2005 Dietary Guidelines Advisory Committee Report. Washington, DC: U.S. Department of Agriculture.
- U.S. Department of Health and Human Services. 1996. *Physical activity and health: A report of the Surgeon General*. Atlanta: USDHSS-CDC.
- WHO-FIMS Committee on Physical Activity for Health. 1995. Exercise for health. *Bulletin of the World Health Organization* 73: 135-136.

### Chapter 3

- Australian Bureau of Statistics. 2003. *Australian Social Trends 2003*. Canberra: Australian Bureau of Statistics.
- Bonen, A., and S.M. Shaw. 1995. Recreational exercise participation and aerobic fitness in men and women: Analysis of data from a national survey. *Journal of Sports Sciences* 13: 297-303.
- Carnethon, M.R., S.S. Gidding, R. Nehgme, S. Sidney, D.R. Jacobs, and K. Liu. 2003. Cardiorespiratory fitness in young adulthood and the development of cardiovascular disease risk factors. *Journal of the American Medical Association* 290: 3092-3100.
- Comstock, R.D., E.M. Castillo, and P. Lindsay. 2004. Four-year review of the use of race and ethnicity in epidemiologic and public health research. *American Journal of Epidemiology* 159: 611-619.
- Fitness Canada. 1983. *Fitness and lifestyle in Canada*. Ottawa: Government of Canada.
- Grunbaum, J.A., L. Kann, S.A. Kinchen, B. Williams, J.G. Ross, R. Lowry, and L. Kolbe. 2002. Youth risk behavior surveillance—United States, 2001. Surveillance summaries, June 28, 2002. *Morbidity and Mortality Weekly Reports* 51 (No. SS-4): 1-64.
- Ham, S.A., M.M. Yore, J.E. Fulton, and H.W. Kohl, III. 2004. Prevalence of no leisure-time physical activity—35 states and the District of Columbia, 1988-2002. *Morbidity and Mortality Weekly Reports* 53: 82-86.
- Helakorpi, S., K. Patja, R. Prattala, A.R. Aro, and A. Uutela. 2002. *Health behaviour and health among Finnish adult population, Spring 2002*. Helsinki: Finnish National Public Health Institute.
- Janicke, B., D. Coper, and U.-A. Janicke. 1986. Motor activity of different-aged Cercopithecidae: Silver-leafed monkey (*Presbytis cristatus* Esch.), lion-tailed monkey (*Macaca silenus* L.), Moor Macaque (*Macaca maura* Cuv.) as observed in the zoological garden, Berlin. *Gerontology* 32: 133-140.
- Rantanen, T., K. Masaki, D. Foley, G. Izmirlian, L. White, and J.M. Guralnik. 1998. Grip strength changes over 27 yr in Japanese-American men. *Journal of Applied Physiology* 85: 2047-2053.



- Skinner, J.S., A. Jaskolski, A. Jaskolska, J. Krasnoff, J. Gagnon, A.S. Leon, D.C. Rao, J.H. Wilmore, and C. Bouchard. 2001. Age, sex, race, initial fitness, and response to training: The HERITAGE Family Study. *Journal of Applied Physiology* 90: 1770-1776.
- Sports Council and Health Education Authority. 1992. *Allied Dunbar national fitness survey: Main findings*. London: The Sports Council and Health Education Authority.
- Statistics Canada. 2002. *Health indicators*, May 2002. Catalogue No. 82-221-XIE. Retrieved February 10, 2006, from <http://www.statcan.ca/Daily/English/020508/td020508.htm>.
- Talbot, L.A., E.J. Metter, and J.L. Fleg. 2000. Leisure-time physical activities and their relationship to cardiorespiratory fitness in healthy men and women 18-95 years old. *Medicine and Science in Sports and Exercise* 32: 417-425.
- Teers, R. 2001. Physical activity. In *Health survey for England—The health of minority ethnic groups '99*. Edited by B. Erens, P. Primatesta, and G. Prior. London: The Stationary Office.
- Trappe, S.W., D.L. Costill, M.D. Vukovich, J. Jones, and T. Melham. 1996. Aging among elite distance runners: A 22-yr longitudinal study. *Journal of Applied Physiology* 80: 285-290.
- World Health Organization. 2000. *Health and health behaviour among young people*. WHO Policy Series: Health Policy for Children and Adolescents Issue 1: International Report. Geneva: World Health Organization.
- ### Chapter 4
- American College of Sports Medicine. 2000. *ACSM's guidelines for exercise testing and prescription*. Baltimore: Lippincott Williams & Wilkins.
- Åstrand, P-O., T.E. Cuddy, B. Saltin, and J. Stenberg. 1964. Cardiac output during submaximal and maximal work. *Journal of Applied Physiology* 19: 268-274.
- Åstrand, P-O., K. Rodahl, H.A. Dahl, and S.B. Strømme. 2003. *Textbook of work physiology*. 4th ed. Champaign, IL: Human Kinetics, p. 373.
- Bouchard, C., T.P. An, T. Rice, J.S. Skinner, J.H. Wilmore, J. Gagnon, L. Pérusse, A.S. Leon, and D.C. Rao. 1999. Family aggregation of  $\text{VO}_2\text{max}$  response to exercise: Results from the HERITAGE Family Study. *Journal of Applied Physiology* 87: 1003-1008.
- Bouchard, C., E.W. Daw, T. Rice, L. Pérusse, J. Gagnon, M.A. Province, A.S. Leon, D.C. Rao, J.S. Skinner, and J.H. Wilmore. 1998. Family resemblance for  $\text{VO}_2\text{max}$  in the sedentary state: The HERITAGE Family Study. *Medicine and Science in Sports and Exercise* 30: 252-258.
- Brooks, G.A. 1985. Anaerobic threshold: Review of the concept and directions for future research. *Medicine and Science in Sports and Exercise* 17: 22-34.
- Dempsey, J.A., L. Adams, D.M. Ainsworth, R.F. Fregosi, C.G. Gallagher, A. Guz, B.D. Johnson, and S.K. Powers. 1996. Airway, lung, and respiratory muscle function during exercise. In *Handbook of physiology*. Section 12: Exercise: Regulation and integration of multiple systems, edited by L.B. Rowell and J.T. Shepherd. New York: Oxford University Press, pp. 448-514.
- Ekblom, B., P-O. Åstrand, B. Saltin, J. Stenberg, and B. Wallström. 1968. Effect of training on circulatory response to exercise. *Journal of Applied Physiology* 24: 518-528.
- Gaesser, G.A., and G.A. Brooks. 1984. Metabolic bases of excess post-exercise oxygen consumption: A review. *Medicine and Science in Sports and Exercise* 19: 29-43.
- Holloszy, J.O., and W.M. Kohrt. 1995. Exercise. In *Handbook of physiology. Section 11: Aging*, edited by E.J. Masoro. New York: Oxford University Press, pp. 633-666.
- Howley, E.T., and B.D. Franks. 2003. *Health fitness instructor's handbook*. 4th ed. Champaign, IL: Human Kinetics.
- Powers, S.K., and E.T. Howley. 2004. *Exercise physiology: Theory and applications to fitness and performance*. New York: McGraw-Hill.
- Powers, S., W. Riley, and E. Howley. 1980. A comparison of fat metabolism in trained men and women during prolonged aerobic work. *Research Quarterly for Exercise and Sport* 52: 427-431.
- Rowell, L.B. 1993. *Human cardiovascular control*. New York: Oxford University Press.
- Rowell, L.B., D.S. O'Leary, and D.L. Kellogg, Jr. 1996. Integration of cardiovascular control systems in dynamic exercise. In *Handbook of physiology. Section 12: Exercise: Regulation and integration of multiple systems*, edited by L.B. Rowell and J.T. Shepherd. New York: Oxford University Press, pp. 770-840.
- ### Chapter 5
- Braun, B., M.B. Zimmermann, and N. Kretchmer. 1995. Effects of exercise intensity on insulin sensitivity in women with non-insulin-dependent diabetes mellitus. *Journal of Applied Physiology* 78: 300-306.
- Cadroy, Y., F. Pillard, K.S. Sakariassen, C. Thalamas, B. Boneu, and D. Riviere. 2002. Strenuous but not moderate exercise increases the thrombotic tendency in healthy sedentary male volunteers. *Journal of Applied Physiology* 93: 829-833.
- Febbraio, M.A., and B. Klarlund Pedersen. 2002. Muscle-derived interleukin-6: Mechanisms for activation and possible biological roles. *FASEB Journal* 16: 1335-1347.
- Haskell, W.L. 1994. Health consequences of physical activity: Understanding and challenges regarding dose-response. *Medicine and Science in Sports and Exercise* 26: 649-660.
- King, D.S., R.J. Baldus, R.L. Sharp, L.D. Kesl, T.L. Feltmeyer, and M.S. Riddle. 1995. Time course for exercise-induced alterations in insulin action and glucose tolerance in middle-aged people. *Journal of Applied Physiology* 78: 17-22.
- Klarlund Pedersen, B.K., and L. Hoffman-Goetz. 2000. Exercise and the immune system: Regulation, integration, and adaptation. *Physiological Reviews* 80: 1055-1081.