

Lauren Sherar (PhD)

Research Area: Determinants of Healthy Childhood Development
Thesis Title: Explaining the critical periods for physical inactivity and development of obesity during infancy, childhood, and adolescence.
Dept/Institution: Kinesiology, U of S
CPHR Mentor: Baxter- Jones, Adam

Scholarships and Awards

Nottingham Trent University, Sport and Exercise Scientist Award	2001
CPHR Strategic Training Fellow	2004
SSHRC Financial Award to attend the conference "Federation of Canadian Demographers longitudinal studies and demographic challenges of the 21st century"	2005

Publications

Peer Reviewed

Fleming, T., Sherar, LB., Baxter-Jones, ADG., Mirwald, RL. (2004) Overweight and Obesity: From Childhood to Adulthood. Canadian Society for Exercise Physiology Vol. 29: S47:

Sherar, LB., Baxter-Jones, ADG., Faulkner, RA., Rusell, WA. (2004) The relationship between talent identification and physical maturity among Saskatchewan adolescent male hockey players. Canadian Society for Exercise Physiology Vol. 29: S81:

Sherar, LB., Baxter-Jones, ADG., Mirwald, RL., Bailey, DA. (2004) Is physical activity in childhood associated with being overweight in adulthood? Medicine and Science in Sports and Exercise Vol. 36: No. 5: S5:

Sherar, LB., Baxter-Jones, ADG., Mirwald, RL. (2004) Limitations to the use of secondary sex characteristics for gender comparisons. Annals of Human Biology Vol. 31: No. 5: 586-593

Sherar, LB., Baxter-Jones, ADG., Mirwald, RL. (2004) Limitations to the use of secondary sex characteristics for gender comparisons. Paediatric Exercise Science Vol. 17: No. 10: S6:

Mundt, CA., Waddington, D., Sherar, LB., Baxter-Jones, ADG. (2005) Fat mass development from childhood and adolescence to young adulthood: A 13-year prospective longitudinal study. Medicine and Science in Sports and Exercise Vol. 29: 54

Baxter-Jones, ADG., Sherar, LB., Eisenmann, JC. (2004) Review Controlling for Maturation in Pediatric and Exercise Science. Pediatric and Exercise Science Vol. 17: No. 1: 18-30

Sherar, LB., Mirwald, RL., Baxter-Jones, ADG., Thomis, M. (2005) Predictions of adult height using cumulative height velocity curves. Journal of Pediatrics Vol. 147: No. 4: 505-511

Peer Reviewed - In Press

Baxter-Jones, ADG., Sherar, LB. (2006) Growth and Maturation, In: Pediatric Exercise Science. N Armstrong (Eds.). Oxford: Elsevier Science

Sherar, LB., Baxter-Jones, ADG., Faulkner, RA., Rusell, WA. (2006) Does physical maturity and birth date predict talent in male youth ice hockey players? Physical Sciences

Ambrose, T., McKay, H., Baxter-Jones, ADG., Sherar, LB., Mundt, C., Bailey, DA. (2006) Baseline Lean Body Mass is a Major Determinant of Bone Mineral Content in Women: A 12-Year Longitudinal Study. Calcified Tissue

Peer Reviewed - Under Review

Sherar, LB., Mirwald, RL., Erlandson, MC., Baxter-Jones, ADG. (2006) Is boys physical activity in childhood associated with being overweight in adulthood? A longitudinal study spanning 35 years. Canadian Studies in Population Health

Presentations

Date: Apr 17, 2006

Place: Atlanta, GA

Title: Profiling daily physical activity behaviour: The impact of good and bad weather.

Details: International congress on physical activity and public health.

Date: Apr 19, 2006

Place: Atlanta, GA

Title: Age and gender related differences in childhood physical activity: Does maturity matter?

Details: International congress on physical activity and public health.

Date: Jun 3, 2005

Place: Nashville, Tennessee, USA

Title: Fat mass development from childhood and adolescence to young adulthood.

Details: American College of Sports Medicine meeting.

Date: Nov 21, 2005

Place: Universite de Montreal, QB

Title: Is physical activity in childhood associated with being overweight in adulthood?

Details: Federation of Canadian Demographics: Longitudinal Studies and demographic challenges of the 21st century.

Date: Sep 16, 2006

Place: Philadelphia, PA

Title: Bone mineral accrual over 15 years from pre-adolescence into adulthood.

Details: American Society for Bone and Mineral Research annual meeting

Date: Sep 16, 2006

Place: Philadelphia, PA

Title: Size-corrected BMD from adolescence to young adulthood: A longitudinal study.

Details: American Society for Bone and Mineral Research annual meeting

Date: Sep 9, 2006

Place: Charleston, SC

Title: Growth and maturation of female gymnasts, swimmer and tennis players: A 13 year longitudinal study.

Details: North American Society for Pediatric Exercise Medicine

Date: Sep 9, 2006

Place: Charleston, SC

Title: The relationship between body composition and menarche.

Details: North American Society for Pediatric Exercise Medicine

Research and Related Work Experience

Research Assistant; The Saskatchewan Pediatric Bone Mineral Accrual Study (PBMAS); The follow up study of the parents of the PBMAS participants.