CURRICULUM VITAE

(Revised: 12/10/07)

I. Personal Information

Name: DENNIS J. CAINE

Citizenship: United States; Canada

Address: 1005 Oxbow Court
Grand Forks, ND
U.S.A.

Phone: (701) (777-4041); (701) 330-0905 (home)
E-mail: denniscaine@mail.und.nodak.edu

Position: Professor and Chair
Department of Physical Education, Exercise Science and Wellness
University of North Dakota
Grand Forks, ND

II. Education

University:

1987 Doctor of Philosophy, Department of Physical Education and Human Movement Studies, College of Human Development and Performance, University of Oregon. Primary Area of Concentration: Human Growth. Secondary Area of Concentration: Gerontology

Doctoral Dissertation: "An Epidemiological Investigation of Injuries Affecting Young Competitive Female Gymnasts"
Advisor: Dr. Jan Broekhoff

Graduate Certificate in Gerontology, Department of Gerontology, College of Human Development and Performance, University of Oregon.

1978 Master of Education, Faculty of Education, University of British Columbia. Area of Concentration: Physical Education Curriculum. Support Area: Human Growth and Motor Development.

1974 Bachelor of Education, Faculty of Education, University of Manitoba. Physical Education (K-12).

1973 Certificate in Education, Faculty of Education, University of Manitoba. Secondary School Physical Education.

1972 Bachelor of Physical Education, School of Physical Education, University of Manitoba. Second major: European History

Continuing Education:

Injury Research Methods (EPI 590). Department of Epidemiology, Faculty of Medicine, University of Washington, Seattle, WA, September 10-14, 2001.

Colloquium on Improving Teaching, Learning, and Curriculum through Assessment, Central Washington University, November 2-3, 1995.

The Critical Appraisal of Clinical Evidence (Sports Medicine) Workshop, Department of Clinical Epidemiology & Biostatistics, Faculty of Medicine, McMaster University, Canada, June 14-18, 1993.

III. Honors and Awards

Citations and Elected Designations:

Special Olympics Washington Special Recognition Award, presented during the opening ceremony of the 2007 Northwest Region Spring Sports Festival, Marysville, WA, May 5, 2007.

Clinical Journal of Sport Medicine engraved desk pen/clock set, presented for 10 years of service on the CJSM Editorial Review Board, December 31, 2006.

Certificate of Recognition, Gerontology Certificate Program 1996-98, University Extended Programs, Western Washington University, presented by Dr. Ken Symes, Vice Provost, Undergraduate and Extended Programs, Western Washington University, April 25, 1998.

Western Washington University Service-Learning Recognition Award, presented by Dr. Ken Hoover, President, Faculty Senate, June 6, 1996.

The Most Venerable Order of the Hospital of St. John of Jerusalem, Priory of Canada, Meritorious Certificate presented by Herb Stevens, Chief of Police, City of Winnipeg, February 15, 1985.

The Royal Canadian Humane Ass. Honorary Testimonial Certificate. Dec. 6, 1985.

City of Winnipeg Certificate of Merit. Presented Nov. 20, 1984 by Bill Norrie, Q.C., Mayor of Winnipeg.

Team Captain. Manitoba Provincial Rugby Football Team, Summer, 1972; Assassins Rugby Football Club, 1970-72.

Professional Distinctions:

Editorial Review Board: British Journal of Sports Medicine (appointment: March 1, 2005 to February 28, 2008). Published in England, the *British Journal of Sports Medicine* is an international peer-reviewed journal and is the official Journal of the British Association of Sport and Exercise Medicine.

Editorial Review Board, Clinical Journal of Sport Medicine (appointment: January 1, 1996 to December 31, 2006). Published in New York, the CJSM is the official publication of the Canadian Academy of Sport Medicine, Australasian College of Sports Physicians, American Medical Society for Sports Medicine, and American Osteopathic Academy of Sports Medicine.

Western Washington University, Professional Leave, Fall Quarter, 2006.

Western Washington University, Special Merit Award, 2004

Western Washington University, General Merit Award, 2004

Western Washington University, Professional Leave, Fall Quarter, 2003.

Editorial Review Board: The Physician and Sportsmedicine (appointment: January 1, 2002 to December 31, 2005).

Invited Member/Consultant: Sport Science Referral Network, USA Gymnastics Athlete Wellness Program, 2001-

Invited Member/Consultant: Medicine and Sport Science Network, USA Swimming, 2001-

Western Washington University, Professional Leave, Fall Quarter, 2000.

Western Washington University, Promotion to Professor, effective September 16, 1999.

Invited Member/Consultant: Sport Science Referral Network, USA Gymnastics Athlete Wellness Program, 1999-2001.

Western Washington University, Professional Leave, Winter Quarter, 1998.

Western Washington University, General Merit Award, 1997

Western Washington University, General Merit Award, 1994

Western Washington University, Tenured, effective September 15, 1994
.
University of New Brunswick, Promotion to Professor, effective, July 1, 1992.

University of New Brunswick, Tenured, effective July 1, 1992.

University of New Brunswick, Sabbatical Leave, Winter Semester, 1993. Leave not taken due to new position at Western, effective September, 1992.

Editorial Review Board, CAHPERD Journal (appointment: January 1, 1991 to December 31, 1992). The CAHPERD Journal is the official publication for the Canadian Association for Health, Physical Education, Recreation and Dance.

Scholarly Distinctions: Invited Presentations (Keynote/Conference)

17. Fifth National Australian Sports Injury Conference. Adelaide Convention Centre, Adelaide, Australia, October 13-16, 2007. Keynote Address: The Epidemiological Approach to Promoting Safety of Children in Exercise and Sport.

16. Fifth National Australian Sports Injury Conference. Adelaide Convention Centre, Adelaide, Australia, October 13-16, 2007. Invited Address, "Symposium on Children and Weights": Injury and Bone Growth: Young Resistance Trainers at Risk?

15. 2007 Australian Conference of Science and Medicine in Sport "Be Active, Be Safe." Adelaide Convention Centre, Adelaide, Australia, October 13-16, 2007. Invited Address, Symposium on "Injury Outcome in Gymnastics": Grace, Perfection, and Risk.

14. American College of Sports Medicine (ACSM) Meeting, Indianapolis, June 3, 2004. Symposium title: "Wrist Pain in the Young Gymnast: Clinical, Epidemiological, and Auxological Perspectives?" Title of Presentations: Epidemiological Overview and Prevention.

13. Skagit Valley Hospital (Mount Vernon, WA) "Health Aging Fair." October 30th, 2002 Keynote address. Title of presentation: Aging, Physical Activity and Health.

12. Hong Kong Association for Sports Medicine and Sports Science and the PE and Sports Science Unit, The University of Hong Kong, Hong Kong, September 15th, 2000.Title of presentation: Pediatric Sports-Related Injuries.

11. Hong Kong Association for Sports Medicine and Sports Science and the PE and Sports Science Unit, The University of Hong Kong, Hong Kong, September 15th, 2000. Title of presentation: Growth Plate Injuries in Children's and Youth Sports.

10. Pre-Olympic Scientific Congress, Brisbane, Australia, September 7-13th, 2000. Symposium Title: "Young Elite Athletes: Injury Epidemiology, Skeletal Health, and Sociological and Ethical Issues." Title of presentation: Epidemiological Aspects of Children's Sports Injuries.

9. American College of Sports Medicine (ACSM) Meeting, Seattle, June 4, 1999. Symposium Title: "Female Artistic Gymnastics: Is There a Need For Concern?" Title of Presentation: Epidemiological Aspects of Injury in Artistic Gymnastics. An abstract of this symposium was published in Medicine and Science in Sports and Exercise, 31(5): S 236, 1999.

8. USA Gymnastics National Congress. Indianapolis, August 19-22, 1998. Injuries and Prevention in Gymnastics: A Panel Discussion, Presentation entitled: "Epidemiology of Injuries in Women's Gymnastics - What Have We Learned?"

7. Department of Foods and Nutrition Lecture Series, University of Georgia, August 18, 1998. Bones of Contention in Women's Gymnastics: Are We Adding Insult to Injury?

6. British Association of Sport and Medicine (BASM) 1997 Congress, Brighton, England, November 7-9, 1997. Keynote address: Screening Children for Sport.

5. British Association of Sport and Medicine (BASM) 1997 Congress, Brighton, England, November 7-9, 1997. Keynote address: Epidemiology of Gymnastics Injuries.

4. Annual British Columbia Physical Therapy Association (BCPTA) Conference, Chateau Whistler, Whistler, B.C., Canada, November 12, 1994. Keynote address entitled: Epidemiology of Sports Injuries,

3. Canadian Association of Sport Sciences (CASS) Annual Conference, Queen's University, Kingston, Ontario, October 25, 1991.Title of Symposium: "Epidemiology of Sports Injuries." Title of presentation: Epidemiology of Injuries in Men's and Women's Gymnastics.

2. Special Seminar: Manitoba Marathon and Prevention of Running Injuries. Faculty of Physical Education and Recreation Studies, University of Manitoba, Winnipeg, MB., May 23, 1982. Title of presentation was Growth Plate Injury: A threat to young distance runners?

1. Western Canada SAPHER Conference," Faculty of Physical Education and Recreation Studies, University of Manitoba, Winnipeg, MB., January 16, 1982. Title of presentation: The Epiphysis and the Young Athlete,

IV. Scholarship and Scholarly Activity

Publications:

Articles (refereed)

33. **Caine D**, Maffulli N. Caine C. Epidemiology of pediatric and adolescent sports injuries (*invited contribution; thematic issue*) "International Perspectives," Micheli LJ (ed). Clinics in Sports Medicine 2008;27(1):

32. Magra M, **Caine D**, Maffulli N. A review of epidemiology of paediatric elbow injuries in sports. Sports Medicine; 2007;37(8): 717-735.

31. **Caine D**, Caine C, Maffulli N. Incidence and distribution of pediatric sport-related injuries (*invited contribution; thematic issue*). Clinical Journal of Sport Medicine 2006;16(6): 501-514.

30. **Caine D**, DiFiori J, Maffulli N. Physeal injuries in children's and youth sports: Reasons for concern? British Journal of Sports Medicine, 2006, 40:749-760.

29. DiFiori J, **Caine D**, Malina R. Wrist pain, distal radial growth plate injury, and ulnar variance in the young gymnast. American Journal of Sports Medicine, 2006;34:840-849.

28. Rowland, T., Micheli, L., **Caine, D**., Anderson, S. Small, E., Pate, R., Baxter-Jones, A., Malina, R. Should children be allowed to run marathon races? A virtual roundtable. Pediatric Exercise Science: 2006;17:1-10

27. **Caine D**, Caine C. Editorial. Child camel jockeys: A present-day tragedy involving children and sport (invited submission). Clinical Journal of Sport Medicine, 2005; 15(5): 287-289.

26. Daly R, **Caine D**, Bass S, Pieter W, Broekhoff J. Growth of highly versus moderately trained female artistic gymnasts. Medicine and Science in Sports and Exercise, 2005; 37(6): 1053-1060.

25. **Caine D**, Bass S, Daly R: Does preparation of children and adolescents for elite gymnastics competitions place them at risk of reduced growth and delayed maturation? Quite Possibly! (invited submission; literary debate). Pediatric Exercise Science, 2003; 15: 360-372.

24. **Caine, D**., Knutzen, K., Howe W, Keeler L, Sheppard L, Henrichs D, Fast, J: A three-year prospective study of injuries to female gymnasts (*invited submission*). Physical Therapy in Sport, 2003;4(1): 11-24.

23. Knutzen K, Brilla L, **Caine D**, Chalmers G, Gunter K, Schot P: Absolute vs. relative machine strength as predictors of function in older adults. Journal of Strength and Conditioning Research, 2002; 16(4): 628-640.

22. Daly R, Bass S, **Caine D**, Howe W: Does training affect growth? Answers to Common Questions. (Cover story and invited submission). The Physician and Sportsmedicine, 2002;30(10):21-29.

21. **Caine, D**., Lewis, R., O'Conner, P., Howe, W, Bass, S: Does gymnastics training inhibit growth of females. Clinical Journal of Sport Medicine, 2001; 11 (4):260-270.

20. Maffuli N, Das D, **Caine D**: Epidemiology and injury mechanisms in children's sport. Journal of Sports Traumatology and Related Research, 2000; 22(3): 100-122.

19. Knutzen, K., Brilla, L., **Caine, D**. Validity of a 1-RM prediction equation for older adults. Journal of Strength and Conditioning Research, 1999; 13(3): 242-246.

18. Brilla, L., Stephens, A., Knutzen, K., **Caine, D**.: Effect of strength training on orthostatic hypotension in older adults. Journal of Cardiopulmonary Rehabilitation, 1998; 18: 295-300.

17. **Caine, D**., Howe, W., Ross, W., Bergman, G.: Does repetitive physical loading inhibit radial growth in female gymnasts? Clinical Journal of Sport Medicine, 1997;7(4):302-308.

16. Lindner, K., **Caine, D**.: Physical and performance characteristics of injured and injury-free female gymnasts. Journal of Human Movement Studies (Great Britain), 1993; 25: 69-83.

15. Lindner, K., **Caine, D**.: Physical and performance differences between female gymnasts competing at high and low levels. Journal of Human Movement Studies , 1992; 23: 1-15.

14. **Caine, D**., Roy, S., Singer, K., Broekhoff, J.: Stress changes of the distal radial growth plate. A radiographic survey and a review of the related literature. The American Journal of Sports Medicine (U.S.A.), 1992; 20(3): 290-298. An abstract of this article is published in the 1994 Year Book of Diagnostic Radiology (Mosby-Year Book, Inc.)

13. Lindner, K., **Caine, D**., Johns, D.: Withdrawal predictors among physical and performance characteristics of female competitive gymnasts. Journal of Sport Sciences (Great Britain) 1991; 9(3): 259-272.

12. **Caine, D**.: The U.N.B. Motor Development Clinic for Young Children. CAHPER Journal (Canada) 1990; 56(6): 36–37. Reprinted in The Stopwatch (publication of the New Brunswick Health and Physical Education Council) 1991; 19(2): 15-17.

11. Lindner, K., **Caine, D**.: Injury patterns of female competitive club gymnasts. Canadian Journal of Sport Sciences, 1990; 15(4): 254–261.

10. **Caine, D**., Lindner, K.: Preventing injuries to young athletes. Part 2: Preventive measures. CAHPER Journal 1990; 56(5): 24-30.

9. **Caine, D**.: Growth plate injury and bone growth: An update. Pediatric Exercise Science (U.S.A.) 1990; 2(3): 209-229.

8. **Caine, D**., Lindner, K.: Preventing injuries to young athletes. Part 1: Predisposing factors. CAHPER Journal 1990; 56(2): 30-35. Reprinted in The Stopwatch 1991; 19(2): 17-20.

7. **Caine, D**., Cochrane, B., Caine, C., Zemper, E.: An epidemiologic investigation of injuries affecting young competitive female gymnasts. The American Journal of Sports Medicine 1989; 17(6): 811-820.

6. **Caine, D**., Bothwell-Myers, C.: Preventing osteoporosis: The role of the physical educator. CAHPER Journal 1989; 55(6): 5-10. Reprinted in Runner (Journal of the Alberta Physical Education Teachers' Association), 1990; 28(2): 23-27.

5. **Caine, D**., Broekhoff, J.: Maturity assessment: A viable preventive measure against physical and psychological insult to the young athlete? The Physician and Sportsmedicine (U.S.A.) 1987; 15(3): 67-80. A summary review of this paper was subsequently published in The Year Book of Sports Medicine, Anderson, J.L., George, F.J. and Torg, J.S. (eds.); Chicago: Year Book Medical Publishers, 1988.

4. **Caine, D**., Krebs, E.: The moral development objective in physical education: A renewed quest? Contemporary Education (U.S.A.) 1986; 57(4): 197-201.

3. **Caine, D**., Lindner, K.: Overuse injuries of growing bones: The young female gymnast at risk? The Physician and Sportsmedicine (U.S.A.) 1985; 13(12): 51-64. Reprinted in Tijdschrift voor Lichamelijke Opvoeding (Belgium) 1986; 106(6): 14-17.

2. Roy, S., **Caine, D**., Singer, K.: Stress changes of the distal radial epiphyses in young female gymnasts: A report of 21 cases and a review of the literature. The American Journal of Sports Medicine 1985; 13(5): 301-308.

1. **Caine, D**., Lindner, K.: Growth plate injury: A threat to young distance runners? The Physician and Sportsmedicine 1984; 12(4): 118-124.

Articles (Non-Refereed)

5. **Caine, D**., Guarino, R.: Daily physical education at George McDowell School. MPETA Journal (Manitoba Physical Education Teacher's Association) 1985; 9(1): 26-29.

4. **Caine, D**.: Life - An open activity: Some implications for physical educators. MPETA Journal 1984; 7(2): 19-25.

3. **Caine, D**., Pickard, G.: Misconception and redirection: In defense of movement education. MPETA Journal 1980; 4(3): 11-14.

2. **Caine, D**. Movement Components, Fundamental Motor Patterns, and Games Teaching in K-2. A teaching manual designed to assist the primary school classroom teacher. Adopted by Winnipeg School Division, Winnipeg, Canada, beginning Fall, 1979.

1. **Caine, D**.: Child development and games teaching in K-2. Promotion (Journal for the British Columbia Physical Education Teacher's Association) 1978; 22(3): 21-23. Reprinted in Physical Education News (Journal of the New Brunswick Physical Education Teacher's Association) 1980; 8(3): 13-14.

Article Commentaries (Invited)

2. "Sports training and growth delay. Is there a connection?" The Physician and Sportsmedicine, 2001, 29(2):23-27. This "News Brief" was an invited commentary on an article titled "Is prepubertal growth adversely affected by sport?" published in Medicine Science Sports and Exercise 2000;32(10):1696-1703.

1. Invited Commentary on Kujula, W.M., Sarna, S., Kaprio, J., Koskenvuo, M: Hospital care in later life among former world-class Finnish athletes. Journal of the American Medical Association 1996; 276:L 216-220. Published in the Clinical Journal of Sport Medicine 1997; 7(1): 77.

Books/Edited Volumes

5. **Caine, D**., Harmer, P., Schiff, M. (eds.). Epidemiology of Injury in Olympic Sports. *Encyclopaedia of Sports Medicine Book Series*. Blackwell Publishers and the International Olympic Committee. In preparation (Winter, 2009).

4. Maffuli, N., **Caine, D**. (eds.): Epidemiology of Pediatric Sports Injuries. Team Sports. *Medicine and Sport Science* (v.49): Basel, Karger Publishers (Switzerland), 2005.

3. **Caine D**., Maffulli, N. (eds.): Epidemiology of Pediatric Sports Injuries. Individual Sports. *Medicine and Sport Science* (v.48): Basel, Karger Publishers (Switzerland), 2005.

2. Sands, W., **Caine, D**., Borms, J. Scientific Aspects of Women's Gymnastics. *Medicine and Sport Science* (v.45): Basel, Karger Publishers (Switzerland), 2003.

1. **Caine D**, Caine C, Lindner K (eds). Epidemiology of Sports Injuries, Champaign, Human Kinetics Publishers, 1996.

Book Chapters

10. **Caine, D**. Epidemiological of injury in sport. In: Caine, D., Harmer, P., Schiff, M. (eds.). Epidemiology of Injury in Olympic Sports. *Encyclopaedia of Sports Medicine Book Series*. Blackwell Publishers and the International Olympic Committee. In preparation (Winter, 2009).

9. Howe, W. and **Caine, D**. Wrestling Injuries. In: Caine, D., Harmer, P., Schiff, M. (eds.). Epidemiology of Injury in Olympic Sports. *Encyclopaedia of Sports Medicine Book Series*. Blackwell Publishers and the International Olympic Committee. In preparation (a Winter, 2009 publication).

8. Maffulli N**, Caine D**: *The Epidemiology of Pediatric Sports Injuries: An Important Area of Medicine and Sport Science Research*. In: Epidemiology of Pediatric Sports Injuries. Team Sports. Medicine and Sport Science Series (v.49): Basel, Karger Publishers (Switzerland), 2005.

7. **Caine D,** Maffulli N: *The Epidemiology of Pediatric Sports Injuries: An Important Area of Medicine and Sport Science Research*. In: Epidemiology of Pediatric Sports Injuries. Individual Sports. Medicine and Sport Science Series (v.48): Basel, Karger Publishers (Switzerland), 2005.

6. **Caine D,** Nassar L: *Gymnastics Injuries*. In: Epidemiology of Pediatric Sports Injuries.Part 1. Individual Sports. Medicine and Sport Science Series (v.48): Basel, Karger Publishers (Switzerland), 2005.

5. **Caine D**: *Injury and Growth*: In: Sands W, Caine D, Borms J. Scientific Aspects of Women's Gymnastics. Sports Science and Medicine Series (v.45). Basel (Switzerland): Karger Publishers, 2003.

4. **Caine D**: *Injury Epidemiology*: In: Sands W, Caine D, Borms J. Scientific Aspects of Women's Gymnastics. Sports Science and Medicine Series (v.45). Basel (Switzerland): Karger Publishers, 2003.

3. Borms J, **Caine D**: *Kinanthropometry*: In: Sands W, Caine D, Borms J. Scientific Aspects of Women's Gymnastics. Sports Science and Medicine Series (v.45). Karger Publishers (Switzerland), 2003.

2. Caine, C., **Caine, D**., Lindner, K. *The Epidemiologic Approach To Sports Injuries*. In: Caine, C., Caine, D., Lindner, K. (eds): Epidemiology of Sports Injuries. Champaign, IL: Human Kinetics, 1996.

1. **Caine, D**., Lindner, K., Mandelbaum, B., Sands, W.: *Gymnastics*. In: Caine, C., Caine, D., Lindner, K. (eds): Epidemiology of Sports Injuries. Champaign, IL: Human Kinetics, 1996.

Book Foreword

1. **Caine, D**. Foreword to Complete Physical Education Activities Program. Joanne and Maxwell Landy. West Nyack, NY: Parker Publishing Company, 1992.

Book Reviews

1. **Caine, D.** Book review on "The Cambridge Encyclopedia of Human Growth and Development." Ulijaszek, Johnston, & Preece (eds.). American Journal of Human Biology 2000; 12(2): 243.

2. **Caine, D**. Book review on "Physical Activity, Health, and Aging." Roy Shephard. Champaign, IL: Human Kinetics Publishers, 1997. Journal of Dance Medicine and Science, 1999, 3(2): 86.

3. **Caine, D**. Book review on "Growth, Maturation, and Physical Activity." Robert Malina & Claude Bouchard. Champaign, Il: Human Kinetics Publishers, 1991. Review published in the CAHPER Journal: 1992; 58(4): 39.

Conference Abstracts and Proceedings

20. **Caine D**. The Epidemiological Approach to Promoting Safety of Children in Exercise and Sport. In: Journal of Science and Medicine in Sport (Supplement) 2007;10(6):116. Presented at Fifth National Australian Sports Injury Conference "Be Active, Be Safe." Adelaide Convention Centre, Adelaide, Australia, October 13-16, 2007.

19. **Caine D**. Grace, Perfection and Risk. In: Journal of Science and Medicine in Sport (Supplement) 2007;10(6):135. Fifth National Australian Sports Injury Conference "Be Active, Be Safe." Adelaide Convention Centre, Adelaide, Australia, October 13-16, 2007.

18. **Caine D**, Daly RM, Jolly D, Hagel B, Cochrane B. Risk factors for injury in young competitive female gymnasts. In: British Journal of Sports Medicine 2005; 40 (December):91-92. Presented at the 2005 British Association of Sports and Exercise Medicine (BASEM) Conference, Edinburgh, November 5-7, 2005.

17. Daly RM**, Caine D**, Bass S, Pieter W, Broekhoff J. Is the growth of elite female gymnasts inhibited. Daly R, Caine D, Bass S, Pieter W, Broekhoff J: Is the growth of high level female gymnasts inhibited? 12th Commonwealth International Sport Conference, Manchester, July 19-23rd, 2002. In: Journal of Sport Sciences (London) 2003;21(4):295-296.

16. **Caine D,** Daly R.M., Bass, S., Knutzen, K.: Is growth inhibited in non-elite competitive female gymnasts? American College of Sports Medicine Annual Meeting, San Francisco, CA, May 28-31, 2003. In: Medicine and Science in Sports and Exercise 2003; 35(5): S204.

15. **Caine, D**., Knutzen, K., Howe, W., Keeler, L., Fast, J., Bajema, D. A three-year study of injuries to female gymnasts. American College of Sports Medicine Annual Meeting, Seattle, WA, June 2-5, 1999. In: Medicine and Science in Sports and Exercise, 31(5): S 261, 1999.

14. Knutzen, K., Brilla, L., **Caine, D**., et al. Strength as a predictor of function in older adults. American College of Sports Medicine Annual Meeting, Seattle, WA, June 2-5, 1999. In: Medicine and Science in Sports and Exercise, 31(5): S 388, 1999.

13. Knutzen, K., Brilla, L., **Caine, D**. Validity of a 1-RM prediction equation for older adults. AAHPERD Annual Meeting, Reno, Nevada, April 1-4, 1998. In: Research Quarterly for Exercise and Sport 1998; 69(1): March Supplement A-35.

12. Howe, W.B., **Caine, D**., Bergman, G.D., Keeler, L.W. Wrist pain - Gymnastics. American College of Sports Medicine Annual Meeting, Denver, May 28-31, 1997. In: Medicine and Science in Sports and Exercise 1997; 29(5): S151.

11. **Caine, D**., Knutzen, K., Keeler, L., Howe, W., Rempel, R., Carr, R., Brilla, L., Ross, W. A study of injuries to club level female gymnasts. American College of Sports Medicine Annual Meeting, Cincinatti, May 30, 1996. In: Medicine and Science in Sports and Exercise, 1996; 28(5): S66.

10. Brilla, L., Stephens, A., Knutzen, K., **Caine, D**. Effects of heavy resistance training on orthostatic tolerance in older adults. Presented at the "Integrative Biology of

Exercise Conference", October 16-19, Vancouver, B.C. Published in The Physiologist, 1996; 39(5), A87.

9. Ross, W., Carr, R., **Caine, D**., Knutzen, K., Brilla, L., Rempel, R.: The segmometer 3: replacement anthropometric instrument for the classical anthropometer to obtain segmental lengths. National Endowments and Possibilities in Human Growth. The Sixth International Symposium of Human Biology, Veszprem, Hungary, June 10-13, 1996, published in the Hungarian Journal Anthropologiai Kozlemenyek, Volume 38 (1996/97).

8. Knutzen, K., Brilla, L., **Caine, D**.: The effect of high resistance training on the improvement of function in mature adults. *International Conference on Aging and Physical Activity*. Colorado Springs, Colorado, October 5-7, 1995. In: Journal of Physical Activity and Aging (USA), 1995; 3(4): 410-411.

7. Knutzen, K., **Caine, D**., Brilla, L.: Implementation of a high resistance training program for the improvement of mobility and function in mature adults. *International Conference on Aging and Physical Activity*. Colorado Springs, Colorado, October 5-7, 1995. In: Journal of Physical Activity and Aging (USA), 1995; 3(4): 429-430.

6. Broekhoff, J., Pieter, W., **Caine, D**., Nadgir, A.: Skeletal and self-assessment of maturity of young female gymnasts. In: Aragones Clemente (ed.) Proceedings of the 1992 Olympic Scientific Congress (Benalmadena, Malaga), Vol. 5, *Kinanthropometry and Biomechanics of Sports*. Malagna: Instituto Andulaz del Deporte, Unisport, 1995.

5. **Caine, D**., Tremblay, M., Yu, M.: An exploratory somatotype study of children with movement difficulties. In: Proceedings of the 10th Commonwealth and International Scientific Congress, Victoria, Canada, August 10-14, 1994.

4. **Caine, D**., Roy, S., Singer, K., Broekhoff, J.: Stress changes of the distal radial growth plate. In 1994 Year Book of Diagnostic Radiology. (Chapter 6, Pediatric Radiology, pp. 458-459). Chicago, IL: Mosby-Year Book, Inc.

3. Lindner, K., **Caine, D**.: Differences in injury, performance and anthropometric characteristics between gymnasts competing at high and low levels. Proceedings of the Canadian Association of Sport Sciences 23rd Annual Meeting, Minaki, Ontario, 27-30 September, 1990. Canadian Journal of Sport Sciences, 1990; 15(4): 14S.

2. Lindner, K., **Caine, D**.: Injury predictors among female gymnast's anthropometric and performance characteristics. In: Hermans, G.P. and W.L. Mosterd (eds.) Sport, Medicine and Health. Proceedings of the XXIV World Congress of Sports Medicine. Amsterdam: Excerpta Medica, 1990, pp. 136 – 141.

1. Lindner, K., **Caine, D**.: Withdrawal predictors among physical and performance characteristics of female competitive gymnasts. Proceedings of the International

Congress on Youth, Leisure and Physical Activity, Kinanthropometry IV, Brussels, Belgium, May 24, 1990. Journal of Sport Sciences (Great Britain) 1990; 8(2): 167–169.

Research Letters

2. Daly R, Bass S, **Caine D**: Blunted growth velocity in female artistic gymnasts. Response. Special Communications: Letters to the Chief Editor. Medicine and Science in Sports and Exercise 2006; 38: 605-606.

1. Bass S, Daly R, **Caine D**: Intense training in elite female athletes: evidence of reduced growth and delayed maturation. British Journal of Sports Medicine 2002; 36:310.

Grant Submissions (funded): Research/Scholarly

Caine, D. An Epidemiological Study of Injuries Affecting Female Gymnasts. Bureau for Faculty Research Project Development Award, 2003: $18,504.

Caine, D. Grant-in-aid to hire a student(s) to enter data from the Bellingham Gymnastics Study. Bureau for Faculty Research Grant-In-Aid, 1997: $1475.

Caine, D., Knutzen, K. Grant-in-aid to hire a student(s) to enter data from the gymnastics and mature adult studies. Bureau for Faculty Research Grant-In-Aid, 1997: $1500.

Caine, D.: An Epidemiologic Study of Injuries Affecting Young Competitive Female Gymnasts. Bureau for Faculty Research Project Development Award, 1994: $15,026.

Caine, D., Knutzen, K., Howe, W., Brilla, L.: A longitudinal study of injuries affecting young competitive female gymnasts. Research Advisory Committee, Bureau for Faculty Research, Western Washington University, 1993: $1000.

Caine, D.: Epidemiology of Sport Injuries. Western Washington University Summer Research Grant, 1993: $3500.

Caine, D.: Epidemiology of Sport Injuries. University of New Brunswick Research Fund, 1991: $1000.

Caine, D.: Epidemiology of Sport Injuries. Challenge '91 Programme, Employment and Immigration Canada, 1991: $1387.

Caine, D.: Physical fitness correlates of gross motor development in young children. University of New Brunswick Research Fund, 1990: $2000.

Caine, D., Bothwell-Myers, C., and Lister, K.: UNB Motor Development Clinic. Themadal Foundation, 1990: $8,700.

Lindner, K., Mirwaldt, P., **Caine, D**.: A descriptive and analytical epidemiologic study of young competitive female gymnasts. Sports Canada Applied Research Program, 1985: $15,000.

Grant Submissions (not funded): Research/Scholarly

Caine, D. (PI). Epidemiology of Injuries Affecting Young Female Gymnasts. Submitted to the National Institutes of Health (NIH), September, 2004. Research Team: Gregory Kolt, Ph.D., P.T.; W. Sands, Ph.D.; Melissa Schiff, MD, MPH; Lianne Sheppard, Ph.D.

Caine, D. (PI). Research Team: Carr, R., Howe, W., Knutzen, K., Lewis, R.; Mandelbaum, B., Meeuwisse, W., O'Connor, P., Ross, W., Savage, M., Zylstra, S. (1996). An Epidemiological Study of Young Female Gymnasts. Submitted to the National Institutes of Health (NIH), September, 1996.

Knutzen, K. (PI), Brilla, L., **Caine, D**. A biomechanical investigation of the role of resistance training on the improvement of mobility and function of the mature adult. Submitted to the Retirement Research Foundation, April, 1995.

Grant Submissions (funded): Programs and Service

Caine D. Funding for public lecture on "Adapted Physical Activity: The Canadian Perspective." Speaker: Dave Fitzpatrick Funding: $1250.00 (from: WWU Cold Beverage Enhancement Fund, Canadian and American Studies Program, Dept. of PEHR, College of Humanities and Social Sciences (LeaAnn Martin), and Woodring College of Education.

Caine D. Funding for public lecture on "Living for a Cure." Speaker: Mike Utley (former NFL guard for the Detroit Lions). Funding: $2900.00 (from Western Washing University and the private sector)

Caine, D. Funding for public lecture on "The importance of exercise and calcium during growth -- the first big step in osteoporosis prevention." Speaker: Dr. Robin Daly, Deakin University, Australia. Funding: College of Arts and Sciences, 2004: $200. Department of Physical Education, Health and Recreation, 2004: $100.

Caine, D. Funding for public lecture on "How can we study whether owning a gun makes the owner more or less safe?" College of Arts and Sciences, 2001: $300. Department of Physical Education, Health and Recreation, 2001: $100.

Caine, D. Grant support for public lecture on "Sport Faults that Produce Upper Arm Injuries: Or Grip and Gripe!" Beechum Laboratories, 1999: $2000.

Caine, D. Grant support for public lecture on "Diet, Exercise, and Osteoporosis," June 1, 1999 and "Tuning Up Physical Education for the New Millennium," April 8, 1999. The Western Foundation Academic Enrichment Fund, 1999: $400. College of Arts and Sciences, Western Washington University, 1999: $150. Department of Physical Education, Health and Recreation, Western Washington University, $100.

Weir, S., **Caine, D**.: Grant support for public lectures on gerontology and geriatric medicine, October 30, 1995. St. Luke's Foundation, 1995: $1000. Department of Political Science, Western Washington University, 1995: $75.

Caine, D., Weir, S: Grant support for public lectures on gerontology and geriatric medicine, October 30, 1995. College of Arts and Sciences, Western Washington University, 1995: $150. Department of Physical Education, Health and Recreation, Western Washington University, 1995: $100. The Western Foundation, Academic Enrichment Fund, 1995: $750.

Caine, D.: Application for financial support for the U.N.B. Motor Development Clinic for Young Children. New Brunswick Department of Education, 1992: $1500. New Brunswick School District #26, 1992: $2000.

Caine, D.: U.N.B. Summer Sports School for Children. Challenge '92 Programme, Employment and Immigration Canada, 1992: $1655.

Caine, D.: Visiting Lecturer Series - Dr. Don Bailey. Dr. Leroy Creamer Fund, 1991: $2000. U.N.B. Visiting Lecture Fund, 1991: $500. New Brunswick Department of Education, 1991: $300. New Brunswick Health and Physical Education Teacher's Association, 1991: $200.

Caine, D.: U.N.B. Summer Sports School for Children. Challenge '91 Programme, Employment and Immigration Canada, 1991: $1849.

Caine, D.: Application for financial support for the U.N.B. Motor Development Clinic for Young Children. New Brunswick Department of Education, 1991: $1500. New Brunswick School District #26, 1991: $2000. U.N.B. Contingency Fund, 1991: $1200.

Caine, D.: Application for financial support for the U.N.B. Motor Development Clinic for Young Children. New Brunswick Department of Education, 1990: $1,500. New Brunswick School District #26, 1990: $1,500.

Caine, D.: The U.N.B. Summer Sports School for Young Children. Challenge '90 Programme, Employment and Immigration Canada, 1990: $1849.00.

Caine, D., Bothwell-Myers, C., and Lister, L.: Application for financial support for the U.N.B. Motor Development Clinic for Young Children. New Brunswick Department of Education, 1989: $1000. New Brunswick School District #26, 1989: $1500. University of New Brunswick Contingency Fund, 1989: $2500.

Caine, D., Latchford, S., Mureika, J.: The U.N.B. Motor Development Clinic for Young Children. The U.N.B. Futures Fund, 1988: $13,000.

Research Reports/Presentations (unpublished):

DiFiori J, **Caine D**: Wrist Pain in Young Gymnasts: Clinical Characteristics and Effects on Bone Growth. USA Gymnastics – Science in Gymnastics Symposium, 2003 USA Gymnastics Congress, Anaheim, CA, July 23, 2003.

Pieter, W., **Caine, D**., Ross, W., Nadgir, A., Broekhoff, J. Sexual Dimorphism in Skinford Patterning in Artistic Gymnastics. Presented by Pieter at the "Youth Sports in the 21st Century" Conference, Michigan State University, East Lansing, May 23-26, 1999.

Caine, D.: Epidemiology of Sport Injuries, BFR/Sigma-Xi Research Presentations, Western Washington University, November 3, 1994.

Caine, D., Bailey, D.: The Influence of Physical Activity upon Bone Growth, 10th Commonwealth and International Scientific Congress, Victoria, Canada, August 14, 1994.

Caine, D., Lindner, K., Mandelbaum, B.: Gymnastics, Book Symposium (Epidemiology of Sport Injuries), Human Kinetics Publishers, Champaign, IL., April 7-9, 1994.

Caine, D., Aasen, P., Aasen, P., Bothwell-Myers, C., Morell, B.: U.N.B. Motor Development Clinic Gross Motor Intervention Study, CAHPER Conference, University of Manitoba, Winnipeg, June 19, 1992.

Caine, D., Cochrane, B., Caine, C., Zemper, E.: An epidemiologic investigation of injuries affecting young competitive female gymnasts. In: Congress Program and Abstracts. *International Congress and Exposition on Sports Medicine and Human Performance*, Vancouver Trade and Convention Centre, Vancouver, April 20, 1991.

Lindner, K., **Caine, D**.: Anthropometric, Performance, and Injury Differences Between Female Continuing Gymnasts and Dropouts, International Congress on Youth, Leisure and Physical Activity, Kinanthropometry IV, Brussels, Belgium, May 24, 1990.

Lindner, K., **Caine, D**.: Injury Patterns of Female Competitive Club Gymnasts
The International Congress of Sport Sciences and Coaching, Wingate Institute for Physical Education and Sport, Netanya, Israel, July 5, 1989.

Lindner, K., **Caine, D**.: An epidemiologic study of injuries in gymnastics. In Sport Canada Applied Sport Research Program Abstracts. Ottawa: Fitness and Amateur Sport, 1990.

Lindner, K., **Caine, D**.: Injuries of female competitive club gymnasts: A three-year prospective epidemiologic investigation. Part 2: Gymnast's characteristics and injury prediction. Report submitted to Sport Canada, March, 1989.

Lindner, K., **Caine, D**.: Injuries of female competitive club gymnasts: A three-year prospective epidemiologic investigation. Part 1: Descriptive results. Report submitted to Sport Canada, August, 1988.

V. Teaching and Teaching-Related Assignments

Courses Taught:

2007- Department of PXW, University of North Dakota
- PXW 355: Applied Motor Development (2007-)
- PXW 404: Adapted Activities Programming (2007-)

1992 - Department of PEHR, Western Washington University:
- PE 201: Perspectives on Human Lifestyle/Wellness (2002-)
- PE 304: Care and Prevention of Athletic Injuries (1994-2004)
- PE 307: Motor Learning (1992-96)
- PE 308: Human Growth and Motor Development (1992-)
- PE 309: Physical Dimensions of Aging (2000-)
- PE 345: Physical Education for Elementary Schools (1992-)
- PE 443: Adapted Physical Activity (1992-)
- PE 546: Epidemiological Aspects of Exercise and Physical Activity (1997-)

1988 - 92 University of New Brunswick:
- EDCI 1470: Movement Education for Secondary PE Majors
- EDCI 1475: Movement Education
- EDCI 3485: Physical Education for Young Children
- EDCI 3486: Physical Education for Older Children
- EDCI 3489: Human Development and Performance

St. Thomas University:
- GERO 302: Biology of Aging

1986 - 87 University of Oregon:
- PE-A 205: Swim Conditioning
- PE-A 105: Swim Improvement
- HDEV 410G: Physical Activity and Aging (summer)

1985 University of Oregon (summer):
- PEP 410G: Physical and Motoric Changes During the Stages of Life (summer session)

1980 - 81 University of Oregon:

PEP 321: Games and Sports Skills in the Elementary School
PEP 322: Posture and Developmental Activities in the Elementary School
PEP 323: Rhythms and Dance in the Elementary School

1978 - 80 University of Regina:

EDHPE 218: Teaching Elementary Physical Education
EDHPE 379: Teaching Methods in K-12 Physical Education
EDHPE 488: Curriculum and Instruction in Physical Education

1978 Brandon University (spring/summer):

EDHPE 164: Skills and Activities I, II
EDHPE 266: Principles of Physical Education I, II

Supervision of Student Teachers:

1988 - 92 University of New Brunswick:
EDUC 4000: Supervision of Student Teachers
(a) Secondary Physical Education
(b) Elementary Education

1981 University of Oregon:
PEP 506: Supervision of Student Teachers (Practicum)
(a) Elementary Physical Education

1978 - 1980 University of Regina:
EDFLD 313: Supervision of Student Teachers
(a) Elementary Education
(b) Physical Education K-12
(c) Pre-internship of Physical Education majors

Teaching Appointments:

2007- Professor and Chair, Department of Physical Education, Exercise Science and Wellness, University of North Dakota

1999 - Professor, Department of Physical Education, Health and Recreation, Western Washington University

1996 - 98 Visiting Professor, Western Washington University Extended Programs, Certificate Program in Gerontology

1992 -1999	Associate Professor, Department of Physical Education, Health and Recreation, Western Washington University. Tenured, effective September 15, 1994.
1992	Professor, Faculty of Education, the University of New Brunswick (effective July 1, 1992)
1988 - 92	Associate Professor, Faculty of Education, the University of New Brunswick. Tenured, effective July 1, 1992.
	Visiting Professor, Department of Gerontology, St. Thomas University
1987	Visiting Professor, Department of Gerontology, College of Human Development and Performance, University of Oregon (summer session)
1986 - 87	Graduate Teaching Fellow, Department of Physical Education and Human Movement Studies, University of Oregon
1985	Visiting Professor, Department of Physical Education and Human Movement Studies, College of Human Development and Performance, University of Oregon (summer session)
1981 - 85	PE teacher (K-9), St. Vital School Division, Winnipeg, Canada
1980 - 81	Graduate Teaching Fellow, Dept. of Physical Education and Human Movement Studies, University of Oregon
1978 - 80	Special Assistant Professor of Physical Education, Faculty of Education, University of Regina
1978	Visiting Lecturer of Physical Education, Faculty of Education, the University of Brandon (spring and summer session)
1974 - 76	Physical education teacher, Gutenberg Jr. School (K-3), Lahr, West Germany (Canadian Department of National Defense Overseas)
1973 - 74	Physical education teacher (K-12), Seine River School Division, St. Norbert, Manitoba

VI. <u>Service to Department, College, University, and Profession</u>

Academic Service: Administrative/Committees

2006-2007 • Graduate Coordinator: Human Movement and Performance

2005-2006 • Graduate Coordinator: Human Movement and Performance

2004-2005	• Graduate Coordinator: Human Movement and Performance • Search Committee: P-12 Pedagogy position • Search Committee: Community Health position
2003-2004	• Dept. of Athletics, Search Committee, Athletic Trainer • Co-Chair, College of Humanities and Social Sciences, Tenure and Promotion Committee • Physical Education Program Coordinator
2002-2003	• College of Arts and Sciences Tenure and Promotion Committee • Physical Education Program Coordinator
2001-2002	• Co-Chair, College of Arts and Sciences, Professional Leave Committee • Physical Education Program Coordinator • Acting Graduate Coordinator (Fall/Winter 2001-02)
2000-2001	• College of Arts and Sciences, Professional Leave Committee • Physical Education Program Coordinator
1999-2000	• Exercise Science Curriculum Coordinator • Athletic Training Committee (Chair)
1998-99	• Exercise Science Curriculum Coordinator • College of Arts and Sciences General/Special Merit Committee • College of Arts and Sciences Professional Leave Committee • Athletic Training Committee (Chair) • Gerontology Advisory Committee, University Extended Programs
1997-98	• Exercise Science Curriculum Coordinator • College of Arts and Sciences General/Special Merit Committee • Gerontology Advisory Committee, University Extended Programs
1996-97	• Gerontology Advisory Committee, University Extended Programs • Exercise Science Curriculum Coordinator
1995-96	• Faculty Senate • Arts and Sciences Budget and Planning Committee • Gerontology Advisory Committee, University Extended Programs • PEHR Search Committee (Motor Control Position)
1994 - 95	• University Facilities Committee (Vice-chair) • Gerontology Advisory Committee, University Extended Programs • Arts and Sciences Budget and Planning Committee
1993 - 94	• University Facilities Committee

- Center for Teaching Excellence in Physical Education

1992 - 93
- University Facilities Committee
- Physical Education Program Committee
- Center for Teaching Excellence in Physical Education

Professional/Community Service - Administrative/Facilitative:

2006-07 Planning Coordinator: Public lecture titled "Fall Stall: Fall Risk and Prevention in Older Adults": Speaker: Peter Harmer, Ph.D., M.P.H., A.T.C., Professor, Dept. of Exercise Science, Willamette University: February 15, 2007.

2005-06 Planning Coordinator: Public lecture titled "Adapted Physical Activity: The Canadian Perspective.": Speaker: Dave Fitzpatrick, Associate Dean, Faculty of Arts, University of Winnipeg: May 12, 2006.

2004-05 Planning Coordinator: Public lecture titled "Living for a Cure." Speaker: Mike Utley, former offensive guard for the Detroit Lions, May 17th, 2005

Planning Coordinator: Public lecture titled "The importance of exercise and calcium during growth -- the first big step in osteoporosis prevention." Speaker: Robin Daly, Ph.D., School of Health and Nutrition Sciences, Deakin University, Melbourne, Australia. Wednesday, October 6th, 2004.

2002-03 Co-Director: USA Gymnastics – Science in Gymnastics Symposium. USA and World Gymnastics Congress. Anaheim, CA. Saturday, August 23rd, 2003;

2001-02 Co-Chair: BASES/ISAK Free Papers: Fitness Assessment. 12th International Commonwealth Games Conference, Manchester, England, Tuesday, July 23rd, 2002.

2000-01 Director: Western Washington University Motor Development Enrichment Program for Young Children (Spring Quarter)

Planning Coordinator: Public lecture titled <u>How can we study whether owning a gun makes the owner more or less safe</u>? Speaker: Peter Cummings, MD, MPH, School of Public Health and Community Medicine, University of Washington and Harborview Injury Prevention Center.

1998-99 Planning Coordinator: Sports Faults That Produce Upper Arm Injuries or Grip and Gripe! A lecture, lunch, and golf event for Bellingham physicians featuring Dr. Malcolm Read, London, England. Sponsored by Beecham Laboratories, this presentation was given primarily to Bellingham primary care sports medicine physicians, orthopedists, and selected physical therapists and WWU faculty. Shuksan Golf Club, June 7, 1999.

Planning Coordinator: Diet, Exercise, and Osteoporosis, featuring Dr. Richard Lewis from The Department of Foods and Nutrition, The University of Georgia. Sponsored by the College of Arts and Sciences, Department of Physical Education, Health and Recreation, and the Western Foundation of Western Washington University. Science Lecture Hall 140, June 1, 1999.

Planning Coordinator: Workshop: Tuning Up Physical Education For The New Millennium, featuring Joanne Landy from Perth, Australia. April 8, 1999, 4:30 - 6:30 PM at Carver Gym D, Western Washington University. Sponsored by the College of Arts and Sciences, Department of Physical Education, Health and Recreation, and the Western Foundation of Western Washington University.

Planning Coordinator: Current Topics on Adult Development and Aging. A lecture series offered through the "Academy for Lifelong Learning," Western Washington University Extended Programs. Winter, 1999. This lecture series involved six two-hour presentations at St. Luke's Community Health Education Center.

1997-98 Planning Co-Coordinator: Adding Life to the Later Years Conference, St. Luke's Community Health Education Center, October 3-4, 1997 (sponsered by WWU Extended Programs, Certificate in Gerontology).

1995-96 Planning Coordinator: A workshop for Western students and Bellingham Public School teachers: introducing author, Joanne Landy (Perth, Australia) and The Complete Physical Education Activities Program, April 9, 1996.

1994-95 Planning Co-Coordinator: Issues in Gerontology and Geriatric Medicine (Free Public Lectures). Presented by St. Joseph Hospital and Western Washington University Extended Programs. There were two lectures given at St. Luke's Community Health Education Center on October 30: Dr. Gary Kenyon, Chair of Gerontology, St. Thomas University, Fredericton, Canada; Warren Davidson, M.D., Chief of Geriatrics, Moncton Hospital, Moncton, Canada.

1994-95 Chair, Kinanthropometry Communication Sessions, 10th Commonwealth and International Scientific Congress, Victoria, Canada, August 14, 1994

1993-94 Planning Co-Coordinator: Symposium of Authors (Epidemiology of Sports Injuries). Human Kinetics Publishers, Champaign, IL: April 7-9, 1994.

1992-93 Facilitator: visiting lecturer, Dr. James Sexsmith, Faculty of Physical Education and Recreation, the University of New Brunswick, May 28, 1993.

Planning Coordinator: A workshop series introducing author, Joanne Landy (Perth, Australia) and The Complete Physical Education Activities Program. Two workshops on April 1, one for school teachers in Bellingham School District one for student in the PEHR Dept. at WWU.

1991-92 Planning Co-Coordinator: Dr. LeRoy Creamer Lecture Series: Dr. Don Bailey, University of Saskatchewan, April 6-8, 1992. There were three lectures given: University of New Brunswick, St. Thomas University, and St. John Regional Hospital.

1990-92 Founder and Director: U.N.B. Summer Sports School for Children.

1988-89 Planning Co-Coordinator: Physical Activity and Aging Workshop, University of New Brunswick, March 18, 1989.

1988-92 Founder and Director: University of New Brunswick Motor Development Clinic for Young Children.

1985-87 Study Manager: Longitudinal Study of Young Male and Female Gymnasts, University of Oregon, Eugene, Oregon

Professional/Community Service - Consultative/Editorial:

2007
- Editorial Review Board, the British Journal of Sports Medicine
- Sports Science Referral Network, USA Gymnastics Athlete Wellness Program
- Sports Science and Medicine Network, USA Swimming

2006
- Editorial Review Board, Clinical Journal of Sport Medicine
- Editorial Review Board, the British Journal of Sports Medicine
- Sports Science Referral Network, USA Gymnastics Athlete Wellness Program
- Sports Science and Medicine Network, USA Swimming
- Invited Reviewer: Pediatric Exercise Science
- Invited Reviewer. Canadian Institutes of Health Research (grant application)
- External Examiner: Doctoral dissertation on “Method for analyzing the risk of injury in young female gymnasts due to repetitive loading and fatigue. Karen Beatty: The University of New South Wales, Australia. Completed and submitted: April, 2006.

2005
- Editorial Review Board, Clinical Journal of Sport Medicine
- Editorial Review Board, The Physician and Sportsmedicine
- Editorial Review Board, the British Journal of Sports Medicine
- Sports Science Referral Network, USA Gymnastics Athlete Wellness Program
- Sports Science and Medicine Network, USA Swimming
- Invited Reviewer: Canadian Institute of Health Research (grant application)

2004
- Editorial Review Board, Clinical Journal of Sport Medicine
- Editorial Review Board, The Physician and Sportsmedicine
- Sports Science Referral Network, USA Gymnastics Athlete Wellness Program
- External Examiner: Ph.D. Dissertation (Ms. Carolyn Emory: "Injury Prevention in Adolescent Sport"), Dept. of Public Health Sciences, Faculty of Medicine, University of Alberta (January 22, 2004)
- Sports Science and Medicine Network, USA Swimming

2003
- Editorial Review Board, Clinical Journal of Sport Medicine
- Editorial Review Board, The Physician and Sportsmedicine
- Sports Science Referral Network, USA Gymnastics Athlete Wellness Program
- Invited Reviewer, The International Rugby Board (grant application)
- Invited Reviewer, Alberta Children's Hospital, Calgary Alberta (grant application)
- Sports Science and Medicine Network, USA Swimming

2002
- Editorial Review Board, Clinical Journal of Sport Medicine
- Editorial Review Board, The Physician and Sportsmedicine
- Invited Reviewer, The American Journal of Sportsmedicine
- Invited Reviewer, The International Rugby Board (grant application)
- Sports Science Referral Network, USA Gymnastics Athlete Wellness Program
- Sports Science and Medicine Network, USA Swimming

2001
- Editorial Review Board, Clinical Journal of Sport Medicine
- Sports Science Referral Network, USA Gymnastics Athlete Wellness Program
- Sports Science and Medicine Network, USA Swimming
- Invited Reviewer: British Journal of Sports Medicine
- Invited Reviewer: American Journal of Sports Medicine

2000
- Editorial Review Board, Clinical Journal of Sport Medicine
- Sports Science Referral Network, USA Gymnastics Athlete Wellness Program
- Invited Reviewer: British Journal of Sports Medicine

- Invited Reviewer: The Physician and Sports Medicine
- Invited Reviewer: American Journal of Sports Medicine

1999
- Editorial Review Board, Clinical Journal of Sport Medicine
- Sports Science Referral Network, USA Gymnastics Athlete Wellness Program
- Invited Reviewer: British Journal of Sports Medicine
- Invited Reviewer: the Physician and Sports Medicine
- Invited Reviewer: American Journal of Sports Medicine

1998
- Editorial Review Board, Clinical Journal of Sport Medicine
- Invited Reviewer: American Journal of Sports Medicine
- Invited Reviewer: the Physician and Sports Medicine
- Consultant (injury component): University of Georgia "Londitudinal Study of Female Gymnasts" (NIH funded study, 1998 - 2002, R. Lewis, primary investigator)
- Invited Reviewer: The Physician and Sportsmedicine

1997
- Editorial Review Board, Clinical Journal of Sport Medicine
- Invited Reviewer: American Journal of Sports Medicine
- Consultant: to S.Kriemler, M.D., Triemli Hospital, Zurich, Switzerland, for preparation and submission of a research grant to Swiss National Foundation (study on gymnasts).

1996
- Editorial Review Board, Clinical Journal of Sport Medicine (term of appointment: January 1, 1996 to December 31, 1999).
- Invited Reviewer: Sports Medicine (New Zealand)
- Invited Reviewer: American Journal of Sports Medicine (USA)

1995
- Invited Reviewer: Clinical Journal of Sport Medicine

1994
- External Reviewer: Robin Carr. "Anthropometic Modeling of the Human Vertical Jump." Ph.D. Dissertation, School of Kinesiology, Simon Fraser University, Burnaby, Canada
- Invited Reviewer: Clinical Journal of Sport Medicine
- Invited Reviewer: Collegium Antropologicum (Croatia)

1993
- Consultant: Primary Teachers in Bellingham Public Schools. Physical Education for K-2 children.

1992
- Editorial Review Board, Canadian Association for Health, Physical Education, Recreation and Dance (CAHPERD) Journal.

1991 - 92
- Consultant: N.B. School District #20. Establishment of a motor skills program for Grade 1 children with movement difficulties.
- Consultant: U.N.B.S.J., Department of Athletics. Development of a summer sports school for children.

1991 • Editorial Review Board, Canadian Association for Health, Physical Education, Recreation and Dance (CAHPERD) Journal

1990
- External Evaluator: scholarly works of a candidate for promotion to Associate Professor, Faculty of Health Sciences, the University of Ottawa. (Robert Pelletier)
- Consultant: CBS This Morning News (New York): Injuries in children's and youth sports.
- Consultant: N.B. School District #19. Establishment of a motor skills program for Grade one children with movement difficulties.
- Consultant: N.B. Department of Health and Community Services, Fredericton Regional Office. Development of an exercise program for the frail elderly living at home.

1989 • Co-Coordinator: Physical Activity and Aging Workshop, University of New Brunswick, March 18.

Professional/Community Service - Presentations/Workshops:

2006 May 25th, 2006: Skagit Valley College (guest speaker). "Does Gymnastics Training Adversely Affect Growth of Young Gymnasts?"

2005 May 24th, 2005: Skagit Valley College (guest speaker). "Does Gymnastics Training Adversely Affect Growth of Young Gymnasts?"

2004 March 13th, St. Luke's Community Health Education Center, Belllingham, WA. Prevention Across the Lifespan Workshop. Presentation title "Reducing Risk of Injury to Joints in Youth." (J. McWilliams and D. Caine)

2003 February 17th, Skagit Valley Hospital. Presentation title "Bones of Contention: Does Exercise Slow Musculoskeletal Aging?

2001 February 24th, Center for Performance Excellence "Coaching the Youth Sport Athlete," Western Washington University. Keynote address titled Injury and Growth.

1994 March 23, Developing Fundamental Motor Skills, a workshop for K-2 teachers in Bellingham Public Schools, Carl Cozier Elementary School, Bellingham, WA.

1992 October 30, Music and Movement for Children, WAHPERD Conference, Tacoma Sheraton, Tacoma, WA

October 14, In-service for physical education teachers in Bellingham Schools. Warm-up activities using musical stimuli and emphasizing fun, fitness and cooperation. Geneva Elementary School, Bellingham, WA

September 7, Physiology of Aging, American College of Sports Medicine Health/Fitness Instruction Workshop, Western Washington University, Bellingham, WA, September 7, 1992

June 20, Music and Movement for Children and Youth: A Conceptual Orientation, CAHPER Conference, University of Manitoba, Winnipeg, MB.

June 2, Movement Education for Kindergarten Children, N.B. School District #8, Eel Ground Federal School, Eel Ground, N.B.

1991 November 8, Physical Education for Young Children, NBTA Elementary Subject Council Workshop, Woodstock High School, Woodstock, N.B.

May 3, Gross Motor Skills Program for Young Children, NBTA Health and Physical Education Council Spring Workshop, St. John High School, St. John, N.B.

1990 August 12, Growth and Development Characteristics of Children and Youth, New Brunswick Hockey Development Coaching Symposium, University of New Brunswick, Fredericton, N.B.

May 3, UNB Motor Development Clinic for Young Children, New Brunswick Elementary Teachers' Association Council Spring Workshop, Fredericton High School, Fredericton, N.B.

March 23, Cooperative Games and Activities (Caine, D., Radford, K.), Learning to Co-operate/Co-operating to Learn Conference, Saint John Trade and Convention Centre, St. John, N.B.

1989 May 4, Motor Development and Young Children, New Brunswick Elementary Teacher's Association Council Spring Workshop, Universitie de Moncton, Moncton, N.B.

March 18, Osteoporosis Prevention, “Adding Life to the Later Years: Physical Activity and Aging” workshop, Marshall d'Avray Hall, University of New Brunswick, Fredericton, N.B.

1988 September 16, In-service for Physical Education teachers in School District 26, New Brunswick. Teaching creative movement in the elementary school. Priestman Elementary School, Fredericton, N.B.

May 18, The Importance of Physical Education in the Elementary School Curriculum, St. Dunstan's Home and School Association, Fredericton, N.B.

March 9, Injury Prevention for Young Competitive Female Gymnasts, N.B.G.A. Coaching Development Clinic, New Brunswick Gymnastics Centre, Fredericton, N.B.

1986 August 8, Exercise to Prevent Osteoporosis, "Aging is a Women's Issue" workshop, University of Oregon, Eugene, OR.

1984 February 13, Growth and Development Differences and Special Needs with Implications for Physical Education Programming. "Growing in the Future," the Manitoba Provincial Physical Education Workshop. Faculty of Physical Education and Recreation, University of Manitoba, Winnipeg, MB.

1983 December 1-2, Physical Education In-Service for teachers in Swan River, Manitoba; invited by the Manitoba Dept. of Education. An early and middle years focus. Swan River, MB.

October 14, Physical Education In-Service for teachers in Thompson, Manitoba; invited by the Manitoba Dept. of Education. An early and middle years focus. Thompson, MB.

May 25, Physical Education In-Service for teachers in Minnedosa, Manitoba; invited by the Manitoba Dept. of Education. A daily physical activity focus. Minnedosa, MB.

May 11, Physical Education In-Service for teachers in Altona, Manitoba; invited by the Manitoba Dept. of Education. A daily physical activity focus. Altona, MB.

1978 February 7, A games teaching focus for elementary school teachers, Workshop for Elementary School Teachers, University of British Columbia, Vancouver, B.C.

1975 September 3, Physical Education in Canadian Primary Schools, Canadian-German Physical Education Teacher's Conference, Ludwigsberg Sportschule, Ludwigsberg, West Germany.