

NAME Robert Panenic

LANGUAGES English, French, Croatian

ACADEMIC ADDRESS Department of Exercise Science
Concordia University
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EDUCATION

1987-1990 M.A., Exercise Physiology
Physical Education Department
McGill University
Montreal, Quebec

1984-1987 B. Ed., Physical Education Major
Physical Education Department
McGill University
Montreal, Quebec

1982-1984 Diploma of Collegial Studies, CEGEP (Pure & Applied Sciences)
Vanier College (Snowdon Campus)
Montreal, Quebec

HONOURS/AWARDS/SCHOLARSHIPS

1990-1991 Natural Sciences and Engineering Research Council of Canada
(NSERC) Postgraduate Scholarship (PGS4, Renewal)
(\$15,000.00/year)

1990 Dean's Honour List, McGill University, M.A. Exercise Physiology

ATHLETIC/COACHING EXPERIENCES

Varsity Soccer	McGill Redmen (1986-1989), McGill University Played in C.I.A.U. Nationals 4 years in a row.
Club Soccer	Player (various competitive clubs over 18 years) Coach (Junior and Senior competitive levels, total of 7 years) General Manager, President
Club Hockey	Amateur player (Midget to Juvenile categories only)
Other	Soccer Specialist at Day Camp of Champions, Montreal

COACHING CERTIFICATION

<u>Sport</u>	<u>Theory Level</u>	<u>Technical Level</u>	<u>Practical Level</u>
Handball		2	
Soccer	3	3	2
National Coaching Certification Program #: CC249552 (Soccer)			

RESEARCH ASSISTANT

<u>Department</u>	<u>University</u>	<u>Start</u>	<u>End</u>
Kinesiology	Montreal	01/06/98	31/08/98
Physical Education	Montreal	06/01/97	30/04/97
Physical Education	Montreal	01/09/95	01/12/95
Physical Education	Montreal	01/09/94	22/12/94

RESEARCH INTERESTS

Adaptability of the neuromuscular system to altered activity levels.
The fatigability of skeletal muscle.
Research concerning spinal cord transection and nerve growth factors.

TEACHING EXPERIENCE

Fall Semester 2007 Concordia University	EXCI 252 Introduction to Physical Activity, Health, & Fitness EXCI 342 Fitness Assessment & Exercise Intervention
Winter Semester 2007 Concordia University	EXCI 200 Introduction to Exercise Science, Physical Activity & Health EXCI 261 Physical Activity Programming For Health & Performance EXCI 342 Fitness Assessment & Exercise Intervention EXCI 452 Essentials of Strength Training & Conditioning
Fall Semester 2006 Concordia University	EXCI 200 Introduction to Exercise Science, Physical Activity & Health EXCI 261 Physical Activity Programming For Health & Performance EXCI 342 Fitness Assessment & Exercise Intervention
Winter Semester 2006 Concordia University	EXCI 200 Introduction to Exercise Science, Physical Activity & Health EXCI 261 Physical Activity Programming For Health & Performance EXCI 342 Fitness Assessment & Exercise Intervention EXCI 452 Essentials of Strength Training & Conditioning
Fall Semester 2005 Concordia University	EXCI 200 Introduction to Exercise Science, Physical Activity & Health EXCI 261 Physical Activity Programming For Health & Performance EXCI 342 Fitness Assessment & Exercise Intervention
Winter Semester 2005 Concordia University	EXCI 200 Introduction to Exercise Science, Physical Activity & Health EXCI 261 Physical Activity Programming For Health & Performance EXCI 342 Fitness Assessment & Exercise Intervention EXCI 452 Essentials of Strength Training & Conditioning
Fall Semester 2004 Concordia University	EXCI 200 Introduction to Exercise Science, Physical Activity & Health EXCI 261 Physical Activity Programming For Health & Performance EXCI 342 Fitness Assessment & Exercise Intervention
Winter Semester 2004 Concordia University	EXCI 233 Current Issues in Personal & Community Health EXCI/EXCZ 251 Fundamentals of Health & Physical Activity
Fall Semester 2003 Concordia University	EXCI 233 Current Issues in Personal & Community Health EXCI/EXCZ 251 Fundamentals of Health & Physical Activity

Winter Semester 2003 Concordia University	EXCI 233 Current Issues in Personal & Community Health EXCI /EXCZ 251 Fundamentals of Health & Physical Activity
Fall Semester 2002 Concordia University	EXCI 233 Current Issues in Personal & Community Health EXCI/ EXCZ 251 Fundamentals of Health & Physical Activity
Winter Semester 2002 Concordia University	EXCI 233 Current Issues in Personal & Community Health EXCI 251 Fundamentals of Health & Physical Activity
Fall Semester 2001 Concordia University	EXCI 233 Current Issues in Personal & Community Health EXCI 251 Fundamentals of Health & Physical Activity
Winter Semester 2001 Concordia University	EXCI 233 Current Issues in Personal & Community Health EXCI 251 Fundamentals of Health & Physical Activity
Fall Semester 2000 Concordia University	EXCI 233 Current Issues in Personal & Community Health EXCI 251 Fundamentals of Health & Physical Activity
Winter Semester 2000 Universite de Montreal	KIN 2062 Environnement et aides ergogènes (The Environment and Ergogenic Aids)
Autumn Semester 1999 Universite de Montreal	KIN 2062 Environnement et aides ergogènes (The Environment and Ergogenic Aids)

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Canadian Society for Exercise Physiology (CSEP)
National Strength and Conditioning Association (NSCA)

PUBLISHED ARTICLES

Panenic, R., V. Gisiger, and P.F. Gardiner. Fatigability of rat hindlimb muscles after acute irreversible acetylcholinesterase inhibition. *Journal of Applied Physiology.* 87(4): 1455 - 1462, 1999.

Panenic, R., and P.F. Gardiner. The case for adaptability of the neuromuscular junction to endurance exercise training. *Canadian Journal of Applied Physiology* 23(4): 339-360, 1998. [Review]

Turcotte, R., R. Panenic, and P.F. Gardiner. TTX-induced disuse alters Ca²⁺ activation characteristics of myofibril ATPase. *Comparative Biochemistry and Physiology. A- Comparative Physiology* 100(1): 183-186, 1991.

PUBLISHED ABSTRACTS

Panenic, R., P.F. Gardiner, and V. Gisiger. The effects of acute irreversible AChE inhibition on the fatigability of rat muscle. *Canadian Journal of Applied Physiology* 22(Suppl.), 44P, 1997.

Panenic, R., P.F. Gardiner, and V. Gisiger. Effect of acute irreversible inhibition of acetylcholinesterase on nerve stimulation-evoked contractile properties of the rat medial gastrocnemius. IN: *Enzymes of the Cholinesterase Family.* Ed. By D.M. Quinn, A.S. Balasubramanian, B.P. Doctor, and P. Taylor. Plenum Press, N.Y., 1995, p.287.

Turcotte, R., R. Panenic, and P.F. Gardiner. The effects of TTX-induced disuse on myofibrillar ATPase. *Canadian Journal of Sport Sciences* 14(4): 141p, 1989.

COLLOQUIA AND CONFERENCES

Panenic, R., V. Gisiger, and P.F. Gardiner. The effects of acute irreversible AChE inhibition on the fatigability of rat muscle. Annual Scientific Meeting of the Canadian Society for Exercise Physiology (CSEP), Delta Chelsea Hotel, Toronto, Ontario, October 22-25, 1997, p. 22. [Oral Presentation]

Panenic, R., P.F. Gardiner, et V. Gisiger. Les effets aigus de l'inhibition irréversible de l'acétylcholinestérase sur la fatigue des muscles squelettiques du rat. Dixième rencontre annuelle de l'Association québécoise en sciences de l'activité physique (AQSAP), Université du Québec à Montréal, Samedi le 15 mars 1997, p.25. [Oral Presentation]

English Translation

Panenic, R., P.F. Gardiner, and V. Gisiger. The effects of acute irreversible acetylcholinesterase inhibition on the fatigue of rat skeletal muscles. Tenth Annual Meeting of the Quebec Association of the Physical Activity Sciences, University of Quebec at Montreal, Saturday, March 15, 1997, p. 25.

Panenic, R., P.F. Gardiner, et V. Gisiger. L'effet de l'inhibition aigue irréversible de l'acétylcholinestérase sur les propriétés contractiles des muscles squelettiques du rat. Neuvième rencontre annuelle de l'Association québécoise en sciences de l'activité physique (AQSAP), Université du Québec à Trois-Rivières, Samedi le 16 mars 1996, p.24. [Oral Presentation]

English Translation

Panenic, R., P.F. Gardiner, and V. Gisiger. The effects of acute irreversible acetylcholinesterase inhibition on the contractile properties of rat skeletal muscles. Ninth Annual Meeting of the Quebec Association of the Physical Activity Sciences, University of Quebec at Three-Rivers, Saturday, March 16, 1996, p. 24.

Panenic, R., P.F. Gardiner, and V. Gisiger. Effect of acute irreversible inhibition of acetylcholinesterase on nerve stimulation-evoked contractile properties of rat medial gastrocnemius muscle. Proceedings of the Fifth International Meeting on Cholinesterases, September 24-28, Madras, India, 1994. [Poster]

Panenic, R., V. Gisiger, P.-A. Lavoie, and P.F. Gardiner. Adaptability of the neuromuscular junction to increased usage: a research proposal. Ontario Exercise Physiology Annual Meeting, Highwayman Inn, Orillia, February 7-9, 1993. [Oral Presentation]

Panenic, R., R. Turcotte, and P.F. Gardiner. Immobilization of mammalian skeletal muscle with neurally applied Tetrodotoxin. The School of Physical and Occupational Therapy, 3rd Research Colloquium in Rehabilitation, McGill University, Friday May 12, 1989. [Oral Presentation]

MEMBERSHIP IN GRADUATE STUDENT'S ASSOCIATION

<u>Dates</u>	<u>Function</u>	<u>Department / University</u>
1991-1992	Assistant coordinator of sociocultural activities	Physical Education / Montreal
1998-1999	Coordinator of sociocultural activities	Kinesiology / Montreal

HOBBIES/OTHER INTERESTS

Enjoy travelling, reading history books, playing and watching various sports including: soccer, hockey, tennis, table tennis, squash, swimming, baseball, softball,, American and Canadian football.