



**Annual Scholarship Report 2004-2005**  
Faculty of Health Sciences



## Faculty of Health Sciences Leadership Team 2004-2005

Dr. W. James Weese, Dean

Dr. Betsy Skarakis-Doyle, Associate Dean (Programs)

Dr. Linda Miller, Associate Dean (Scholarship)

Dr. Philip Doyle, Chair, Doctoral Program in Rehabilitation Sciences

Dr. Jayne Garland, Director, School of Physical Therapy

Dr. Carole Orchard, Director, School of Nursing

Dr. Alan Salmoni, Director, School of Kinesiology

Dr. Thelma Sumsion, Director, School of Occupational Therapy

Dr. Meg Cheesman, Director, Bachelor of Health Sciences Program

Dr. William Webster, Director, School of Communication Sciences and Disorders

## About the Faculty

The Faculty of Health Sciences was established in 1997 when the Faculties of Nursing, Kinesiology and Applied Health Sciences merged to become one strong Faculty of Health Sciences. The result was a dynamic and exciting new Faculty comprised of five Schools and two interdisciplinary programs. The Faculty includes five schools: Kinesiology, Nursing, Occupational Therapy, Communication Sciences and Disorders (Audiology, Speech Language Pathology), and Physical Therapy, as well as two programs: the Bachelor of Health Sciences (BHSc) and Doctoral Program in Rehabilitation Sciences (PhD). We are in the final stages of launching a new interdisciplinary graduate program (Masters and Doctoral levels) in Health and Rehabilitation Sciences.

Our mission is “to lead in the generation and dissemination of knowledge in the areas of health and health care, rehabilitation, physical activity and sport”. We are also committed to offering the best student experience among Canada’s leading research-intensive universities.

### Statistics

2,897 undergraduate students

445 graduate students

180 full and part-time faculty members

79 staff members

30 graduate and undergraduate degrees

2 certificate programs

3 diploma programs

### Activity-based Programs

Western Sports & Recreation Services

– Mustang Athletics

– Campus Recreation

Fowler-Kennedy Sports Medicine Clinic

### Research Centres

National Centre for Audiology

Canadian Centre for Activity & Aging

International Centre for Olympic Studies

### Health Professional Programs

Audiology

Nursing

Occupational Therapy

Physical Therapy

Speech Language Pathology

### Thesis-Based Graduate Programs (Masters and Doctoral)

Health and Rehabilitation Sciences

Kinesiology

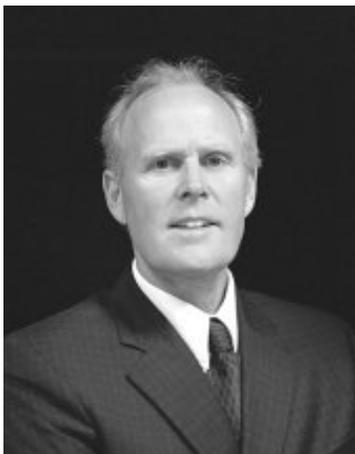
Nursing

### Undergraduate Programs

Bachelor of Health Sciences

Kinesiology

Nursing



### Dean's Message

It is my pleasure to present the 2004-2005 edition of the Faculty of Health Sciences' Scholarship Report. Like the 2003-2004 edition, this Report chronicles the research activity in the Faculty over the 2004-2005 academic year, and serves as further testimony to the heightened productivity of our members and Faculty.

Our academic programs are fiercely competitive and attracting the best and brightest students. Many of our students hold prestigious provincial and national scholarships. We believe our new interdisciplinary program will be very attractive to students as well as facilitate greater interdisciplinary research activity.

We are attracting outstanding professors and staff members to complement a strong cohort. We are in our new building, the Arthur and Sonia Labatt Health Sciences Building, a structure that is providing us with state-of-the-art teaching and research facilities that will take the Faculty to even greater heights. Our simulated hospital ward and home care unit, coupled with our 3D theatre are only examples of the advanced teaching and learning environments that we offer our students, professors and staff members.

Our researchers are competing favourably for research funds from SSHRC, NSERC, CIHR and CFI. We are also securing research funding from private funding agencies like the Heart and Stroke Foundation, the Alzheimer Society of Canada, the Hearing Foundation of Canada, the Worker Safety and Insurance Board, and Auto 21 to name a few. We secured another Canada Research Chair in the Faculty over the past year and we are committed to securing more in the future.

This is an exciting time for health sciences education and research. This brochure helps illustrate how the Faculty of Health Sciences is at the forefront of innovation into research and education in the health sciences and is committed to providing the best student experience among Canada's leading research-intensive universities.

Special thanks to Dr. Linda Miller, Associate Dean – Scholarship for facilitating and advancing our research activity, and leading the coordination of this publication. Thanks as well to our Research Mentors for their contributions in reviewing grants for the Faculty and encouraging our research community. I would also like to thank members of the Dean's Office who helped with this important initiative. Sincere thanks also goes to the School/Program Directors for their focused and inspired leadership in their units and within the Faculty. I also acknowledge their efforts in confirming the data contained in this Report. Finally, and most of all, I would like to thank the professors, staff and students in the Faculty for their committed efforts in advancing research activity within the Faculty.

We're proud of our accomplishments to date, but even more excited about our prospects for the future.

Yours in Health Sciences,

A handwritten signature in black ink, appearing to read 'James Weese', written in a cursive style.

W. James Weese, Dean  
Faculty of Health Sciences

## Message from the Associate Dean – Scholarship

It is with great pride that I share this report of our achievements with our colleagues and the broader University community. This report documents our scholarly productivity regarding research publications and research funding and clearly demonstrates our major advances in becoming a national and international leader in our targeted research theme areas.

This report highlights the work and accomplishments of the outstanding researchers in the Faculty of Health Sciences. It also reflects the outstanding work and commitment of the support team in Research Development Services. Sincere thanks to the Research Development consultants for their support and encouragement.

The 2004–2005 academic year was a year of growth and achievement for the Faculty of Health Sciences. During this time, we achieved significant increases in our external peer reviewed grant funding – demonstrating our existing and emerging strengths as a research-intensive Faculty. We made significant advances in our scholarly activities, as evidenced by

our publications and research funding. Additionally, we were successful in advancing the research agenda in all five major Faculty of Health Sciences research themes:

1. Child & Family Health
2. Health Promotion
3. Healthy Aging
4. Physical Activity Sciences
5. Rehabilitation Sciences.

I enthusiastically thank and congratulate all those in the Faculty of Health Sciences who have contributed to our research successes over the past year!



Linda Miller, PhD



*In November 2005, the South Valley Building was renamed the Arthur and Sonia Labatt Health Sciences Building in recognition of a \$5 million donation to the Faculty of Health Sciences from the Labatt family.*

*This building enhances the best student experience with a simulated hospital ward and home care unit as well as a 3D virtual reality theatre. These facilities place our Faculty at the forefront of health sciences education in Canada.*

## Faculty Member Publications (July 2004-June 2005)

### Bachelor of Health Sciences Program (BHSc)

Author	Publication	Author	Publication
Charland, L.C.	<b>Charland, L.C.</b> (2004). A madness for identity: Psychiatric labels, consumer autonomy, and the perils of the internet. <i>Philosophy, Psychiatry, Psychology</i> 2004, 11, 335-349.	Kloseck, M.	<b>Ward-Griffin, C., Hobson, S., Melles, P., Kloseck, M., Vandervoort, A., &amp; Crilly, R.</b> (2004). Falls and fear of falling among community-dwelling seniors: The dynamic tension between "exercising precaution" and "striving for independence". <i>Canadian Journal on Aging</i> , 23, 307-318.
Charland, L.C.	<b>Charland, L.C.</b> (2004). As autonomy heads harm's way. 2004 <i>Philosophy, Psychiatry, Psychology</i> , 11, 361-363.	Kothari, A.	Edwards, N., & <b>Kothari, A.</b> (2004). CHNET-works! A networking infrastructure for community health nurse researchers and decision-makers. <i>Canadian Journal of Nursing Research</i> , 36, 203-207.
Charland, L.C.	<b>Charland, L.C.</b> (2005). Emotion Experience and the Indeterminacy of Valence. In <i>Emotions: Conscious and Unconscious</i> , 231-254.	Kothari, A.	<b>Kothari, A.</b> , Birch, S., & Charles, C. (2005). "Interaction" and research utilisation in health policies and programs: Does it work? <i>Health Policy</i> , 71, 117-125.
Irwin, J.D.	He, M., <b>Irwin, J.D.</b> , Sangster Bouck, L.M., Tucker, P., & Pollett, G.L. (2005). Preschoolers' screen viewing behaviours; Parents' perspectives. <i>American Journal of Preventative Medicine</i> , 29, 120-125.	Kothari, A.	<b>Kothari, A.R.</b> , & Birch, S. (2004). Individual and regional determinants of mammography uptake. <i>Canadian Journal of Public Health</i> , 95, 290-294.
Irwin, J.D.	<b>Irwin, J.D., &amp; Morrow, D.</b> (2005). Health promotion theory in practice: An analysis of co-active coaching. <i>International Journal of Evidence Based Coaching and Mentoring</i> , 3, 29-38.		
Irwin, J.D.	<b>Irwin, J.D.</b> , He, M., Sangster, Bouck, L.M., Tucker, P., & Pollett, G.L. (2005). Preschoolers' physical activity behaviours; Parents' perspectives. <i>Canadian Journal of Public Health</i> , 96, 299-303.		
Irwin, J.D.	Tucker, P., <b>Irwin, J.D.</b> (2005). Effective Social marketing to promote a campus-based physical activity intervention: Students' perspectives. <i>Social Marketing Quarterly</i> , 11, 55-57.		
Johnson, A.M.	<b>Johnson, A.M.</b> , Reed, T.E., & Vernon, P.A. (2005). Nerve conduction velocity (NCV) is a valid and useful construct for studying human cognitive abilities: A reply to Saint-Amour et al. <i>Neuropsychologia</i> , 43, 1845-1846		
Johnson, A.M.	<b>Johnson, A.M.</b> , Pollard, C.C., Vernon, P.A., Tomes, J.L., & Jog, M.S. (2005). Memory perception and strategy use in <i>Parkinson's disease</i> . <i>Parkinsonism and Related Disorders</i> , 11, 111-115.		
Johnson, A.M.	<b>Johnson, A.M.</b> , Vernon, P.A., Almeida, Q.J., Grantier, L.L., Singarayer, R., & Jog, M.S. (2004). Screening for Parkinson's disease with response time batteries: A pilot study. <i>BMC Medical Informatics and Decision Making</i> , 4, 14-18.		
Johnson, A.M.	Reed, T.E., Vernon, P.A., & <b>Johnson, A.M.</b> (2004). Confirmation of correlation between brain nerve conduction velocity and intelligence level in normal adults. <i>Intelligence</i> , 32, 563-572.		
Johnson, A.M.	Reed, T.E., Vernon, P.A., & <b>Johnson, A.M.</b> (2004). Sex difference in brain nerve conduction velocity in normal humans. <i>Neuropsychologia</i> , 42, 1709-1714.		
Johnson, A.M.	<b>Johnson, A.M.</b> , & Vernon, P.A. (2004). The genetics of substance abuse: Mediating effects of sensation seeking. In R.M. Stelmack (Ed). <i>On the Psychobiology of Personality: Essays in Honour of Marvin Zuckerman</i> , 147-168. London: Elsevier Science.		
Jones, G.R.	<b>Taylor, A.W., Jones, G.R. &amp; Ecclestone, N.A.</b> (Eds). (2005). <i>Scientific Proceedings from the 6th World Congress on Aging and Physical Activity: Research to Action for an Aging Society</i> , 226-229. London: CCAA Press.		



The Faculty of Health Sciences had the second highest number of Ontario Graduate Scholarship recipients at Western for the 2003-2004 academic year.

## School of Communication Sciences and Disorders

Author	Publication	Author	Publication
Doyle, P.C.	Eadie, T., & <b>Doyle, P.C.</b> (2005). Quality of life in male tracheoesophageal (TE) speakers. <i>Journal of Rehabilitation Research &amp; Development</i> , 42, 115-124.	Martin, R.E.	Toogood, J. A., Barr, A.M., Stevens, T.K., Gati, J.S., Menon, R.S., & <b>Martin, R.E.</b> (2005). Discrete functional contributions of cerebral cortical foci in voluntary swallowing: A functional magnetic resonance imaging (fMRI) "Go, No-Go" study. <i>Experimental Brain Research</i> , 161, 81-90.
Doyle, P.C.	Eadie, T.L., & <b>Doyle, P.C.</b> (2004). Classification of dysphonic voice: Acoustic and auditory-perceptual measures. <i>Journal of Voice</i> , 19, 1-14.	Orange, J.B.	<b>Orange, J.B.</b> (2004). Evidence-based clinical practice: A Canadian perspective. <i>American Journal of Speech-Language Pathology</i> , 13, 264-265.
Doyle, P.C.	<b>Doyle, P.C.</b> , & Keith R.I. (2004). <i>Contemporary considerations in the treatment and rehabilitation of head and neck cancer</i> . Austin: Pro-ed.	Seewald, R.	<b>Seewald, R.</b> , Roush, P., & Gravel, J. (Producers). (2005). <i>Hearing care for infants: Strategies for a sound beginning</i> [Motion Picture]. (Available from Phonak Canada Ltd., 7895 Tranmere Drive; Suite 207 CA-Mississauga, ON L5S 1V9)
Martin, R.E.	<b>Martin, R.E.</b> , MacIntosh, B.J., Smith, R.C., Barr, A.M., Stevens, T.K., Gati, J.S., & Menon, R.S. (2004). Cerebral areas processing swallowing and tongue movement are overlapping but distinct: A functional magnetic resonance imaging study. <i>Journal of Neurophysiology</i> , 92, 2428-2443.	Seewald, R.	<b>Seewald, R.</b> (2005). <i>Early Hearing and Communication Development: Canadian Working Group on Childhood Hearing (CWGCH) Resource Document</i> . Ottawa:Minister of Public Works and Government Services Canada.
Martin, R.E.	Sessle, B.J., Yao, D., Nishiura,H., Yoshino, K., Lee, J., <b>Martin, R.E.</b> & Murray, G.M. (2005). Proceedings of the symposium from osseointegration to osseoperception: The functional translation "Properties and plasticity of the primate somatosensory and motor cortex related to orofacial sensorimotor function". <i>Clinical and Experimental Pharmacology and Physiology</i> , 32, 109-114.		



The University of Western Ontario is a vibrant centre of learning with 1,164 faculty members and 32,000 undergraduate and graduate students. Through its 12 Faculties and Schools, and three affiliated University Colleges, the University offers more than 60 different degree and diploma programs.

## School of Kinesiology

Author	Publication	Author	Publication
Barney, R.K.	<b>Barney R.K.</b> , & Barney, D.E. (2004). Angst, argument, and antiquity: A centennial view of aquatics at the 1904 St. Louis Olympics. In <i>Cultural Relations Old and New- The Transitory Olympic Ethos: Seventh international Symposium for Olympic Research</i> . (London, Ontario: International Centre for Olympic Studies, 2004, 77-92.	Buckolz, E.E.	Khan, M., Lawrence, G., Franks, I., & <b>Buckolz, E.E.</b> (2004). The utilization of visual feedback from peripheral and central vision in the control of direction. <i>Experimental Brain Research</i> , 158, 241-251.
Barney, R.K.	Barney, D.E., & <b>Barney, R.K.</b> (2004). A centennial view of aquatics in the St. Louis Olympic Games, 1904. <i>Swimming World</i> , 45, 22-25.	Carron, A.V.	<b>Carron, A.V.</b> , Burke, S. M., & Prapavessis, H. (2004). Self-presentation and group influence. <i>Journal of Applied Sport Psychology</i> , 16, 41-58.
Barney, R.K.	<b>Barney, R.K.</b> , & Bijkerk, A. T. (2005). "Inspiration for the Innovation of the Torch Relay? A Note on Jan Wils, Amsterdam 1928, and the Origin of the Olympic Flame" in <i>Langlauf durch die olympische Geschichte</i> , Band I, Jurgen Buschmann and Stephan Wassong, eds. (Koln: Carl and Liselott Diem-Archiv, 2005), 16-24.	Carron, A.V.	<b>Carron, A.V.</b> , Brawley, L.R., Bray, S.R., Eys, M.A., Patterson, M., Dorsch, K., Estabrooks, P.A., Hall, C.R., Hardy, J., Hausenblas, H. A., Madison, R., Paskevich, D.M., Prapavessis, H., Spink, K.S., & Terry, P.C. (2004). Using consensus as a criterion for groupness: Implications for the cohesion-group success relationship. <i>Small Group Research</i> , 34, 468-496.
Barney, R.K.	<b>Barney, R.K.</b> , & Bijkerk, A. T. (2005). The genesis of sacred five-A new interpretation. <i>Journal of Olympic History</i> , 13, 6-27.	Carron, A.V.	Loughead, T.M., & <b>Carron, A.V.</b> (2004). The mediating role of cohesion in the leader behavior-satisfaction relationship. <i>Psychology of Sport &amp; Exercise</i> , 5, 355-371.
Barney, R.K.	<b>Barney, R.K.</b> (2004). A barefoot boy with cheek: Richard W. Pound, doctor of laws, Honoris Causa. <i>Journal of Olympic History</i> , 12,10-11.	Carron, A.V.	Karageorghis, C.I., Vencato, M.M., Chatzisarantis, N.L.D., & <b>Carron, A.V.</b> (2005). Development and initial validation of a measure of physical activity behaviour: The Brunel lifestyle physical activity questionnaire. <i>British Journal of Sports Medicine</i> , 39, e23 ( <a href="http://www.bjsportmed.com/cgi/content/full/39/5/e23">www.bjsportmed.com/cgi/content/full/39/5/e23</a> ).
Barney, R.K.	<b>Barney, R.K.</b> (2004). One person's point of view: A response to Herb Weinberg's 'abdication'. <i>Journal of Olympic History</i> , 12, 36-38.	Carron, A.V.	Burke, S.M., <b>Carron, A.V.</b> , & Eys, M.A. (2005). Physical activity context and university students propensity to meet the Centers for Disease Control and Prevention/American College of Sports Medicine Guidelines. <i>Medical Science Monitor</i> , 11, 171-176.
Barney, R.K.	<b>Barney, R.K.</b> , Review Essay of The Olympic century series-The official history of the modern Olympic movement (24 volumes). <i>Journal of Olympic History</i> , 12, 62-68.	Carron, A.V.	Hardy, J., Eys, M.A., & <b>Carron, A.V.</b> (2005). Exploring the potential disadvantages of high task cohesion in sport teams. <i>Small Group Research</i> , 36, 166-189.
Barney, R.K.	<b>Barney, R.K.</b> , & Barney, D.E. (2004). Beyond Clotworthy and Aquatics - St. Louis 1904: A centennial view of swimming, diving, and water polo at the Games of the Third Olympiad. <i>Journal of Olympic History</i> , 12, 14-23.	Carron, A.V.	<b>Carron, A.V.</b> , & Burke, S.M. (2005). Context and physical activity: The influence of others. <i>Sport and Exercise Psychology Review</i> , 1, 23-31.
Barney, R.K.	Segrave, J.O., & <b>Barney, R.K.</b> (2003). From ritual invention to ritual entrepreneurship: The Olympic torch relay and enveloping commercialism. <i>Stadion: The international Journal of the History of Sport</i> , 29, 323-340.	Carron, A.V.	Beauchamp, M.R., Bray, S.R., Eys, M.A., & <b>Carron, A.V.</b> (2005). Leadership behaviours and multidimensional role ambiguity perceptions in sport teams. <i>Small Group Research</i> , 36, 5-20.
Barney, R.K.	<b>Barney, R.K.</b> (2004). "The Olympics" in <i>Encyclopedia of Recreation and Leisure in America</i> , 2, 77-80. Gary L. Cross (Ed). Woodbridge, CT: Charles Scribner's Sons.	Carron, A. V.	Eys, M. A., Burke, S.M., <b>Carron, A.V.</b> , & Dennis, P. (2005). The sport team as an effective group. In J.M. Williams (Ed.), <i>Applied sport psychology</i> , 5, 157-173.
Barney, R.K.	<b>Barney, R.K.</b> (2004). A troubling dilemma: World peace and Olympic commercialism. In <i>A peaceful and Better World Through Sport.</i> ( Seoul: Seoul Olympic Sports Promotion Foundation, 2004), 16-30.	Carron, A. V.	<b>Carron, A.V.</b> , Hausenblas, H.A., & Eys, M.A. (2005). <i>Group dynamics in sport</i> , 3.
Barney, R.K.	<b>Wamsley, K.B.</b> , Martyn, S.G., <b>Barney, R.K.</b> (Eds.). (2004). <i>Cultural relations old and new-The transitory Olympic ethos: Proceedings of the 7th international symposium for Olympic research</i> . London: International Centre for Olympic Studies.	Danylchuk, K.E.	<b>Danylchuk, K.E.</b> , & Sit, D.C. (2005). Brand awareness, brand preference, and brand loyalty of sport apparel amongst select ethnic groups. <i>Malaysian Journal of Sport Science and Recreation</i> , 1, 65-89.
Barney, R.K.	<b>Barney, R.K.</b> (2004). Book Review of <i>A simple souvenir: Coins and medals of the Olympic Games</i> (by Peter G. van Alfen) <i>Olympika: The International Journal of Olympic Studies</i> , XIII, 99-102.	Doherty, A.	<b>Doherty, A.</b> , Patterson, M., & Van Bussel, M. (2004). What do we expect? An examination of perceived committee norms in non-profit sport organisations. <i>Sport Management Review</i> , 7, 109-132.
Buckolz, E.E.	<b>Buckolz, E.E.</b> , Goldfarb, A., & Khan, M. (2004). The use of distractor-assigned response slows later responding in a locaton negative priming task. <i>Perception &amp; Psychophysics</i> , 66, 837-845.	Doherty, A.	MacIntosh, E., & <b>Doherty, A.</b> (2005). Leader intentions and employee perceptions of organizational culture in a private fitness corporation. <i>European Sport Management Quarterly</i> , 1, 1-22.

## School of Kinesiology

Author	Publication	Author	Publication
Forwell, L.	Kovacs E., <b>Birmingham, T.B.</b> , <b>Forwell, L.</b> , & Litchfield, R. (2004). The effect of training on postural control in figure skaters: a randomized controlled trial of neuromuscular versus basic off-ice training programs. <i>Clinical Journal of Sport Medicine</i> , 14, 215-224.	Lebrun, C.M.	Constantini, N.W., Dubnov, G., & <b>Lebrun, C.M.</b> (2005). The menstrual cycle and sport performance. <i>The Clinical Journal of Sports Medicine</i> , 24, 51-82.
Forwell, L.	Milne, M., <b>Hall, C.R.</b> , & <b>Forwell, L.</b> (2005). Self-efficacy, imagery use, and adherence to rehabilitation by injured athletes. <i>Journal of Sports Rehabilitation</i> , 14, 150-167.	Lebrun, C.M.	Rumball, J.S., <b>Lebrun, C.M.</b> , Di Ciacca, S.R., & Orlando, K. (2005). <i>Rowing Injuries</i> , 35, 537-555.
Hall, C.R.	Cumming, J., & <b>Hall, C.R.</b> (2004). The relationship between goal orientation and self-efficacy for exercise. <i>Journal of Applied Social Psychology</i> , 34, 747-763.	Marsh, G.	Symons, B., <b>Vandervoort, A.</b> , <b>Rice, C.L.</b> , <b>Overend, T.</b> , & <b>Marsh, G.</b> (2004). Reliability of a single-session isokinetic and isometric strength measurement protocol in older men. <i>Journal of Gerontology: Medical Sciences</i> , 60, 114-119.
Hall, C.R.	Fish, L., <b>Hall, C.R.</b> , & Cumming J. (2004). Investigating the use of imagery by elite ballet dancers. <i>Avante</i> , 10, 1-11.	Marsh, G.	Symons, B., <b>Vandervoort, A.</b> , <b>Rice, C.L.</b> , <b>Overend, T.</b> , & <b>Marsh, G.</b> (2004). Reliability of isokinetic and isometric knee-extensor force in older women. <i>Journal of Aging and Physical Activity</i> , 12, 525-537.
Hall, C.R.	Gregg, M., <b>Hall, C.R.</b> , & Nederhof, E. (2005). The imagery ability, imagery use, and performance relationship. <i>The Sport Psychologist</i> , 19, 93-99.	Marsh, G.	Symons, B., <b>Vandervoort, A.</b> , <b>Rice, C.L.</b> , <b>Overend, T.</b> , & <b>Marsh, G.</b> (2005). Effects of maximal isometric and isokinetic resistance training on strength and functional mobility in older adults. <i>Journal of Gerontology: Medical Sciences</i> , 60, 84-89.
Hall, C.R.	Milne, M., <b>Hall, C.R.</b> , & <b>Forwell, L.</b> (2005). Self-efficacy, imagery use, and adherence to rehabilitation by injured athletes. <i>Journal of Sports Rehabilitation</i> , 14, 150-167.	Morrow, D.	<b>Irwin, J.D.</b> , & <b>Morrow, D.</b> (2005). Health promotion theory in practice: An analysis of co-active coaching. <i>International Journal of Evidence Based Coaching and Mentoring</i> , 3, 29.
Hall, C.R.	Munroe-Chandler, K.J., <b>Hall, C.R.</b> , Fishburne, G.J., & Shannon, V. (2005). Using cognitive general imagery to improve soccer strategies. <i>European Journal of Sport Science</i> , 5, 41-49.	Morrow, D.	<b>Morrow, D.</b> , & <b>Wamsley, K.B.</b> (2005). <i>Sport in Canada: A history</i> . Toronto: Oxford University Press.
Hall, C.R.	Munroe-Chandler, K.J., & <b>Hall, C.R.</b> (2004). Enhancing the collective efficacy of a soccer team through motivational general-mastery imagery. <i>Imagination, Cognition and Personality</i> , 24, 51-67.	Noble, E.G.	Prickett, C.D., Lister, E., Collins, M., Trevinick-Sutton, C.C., Hirst, M., Vinson, J.A., <b>Noble, E.G.</b> , & Trevinick, J.R. (2004). Alcohol: Friend or foe? Alcoholic beverage hormesis for cataract and atherosclerosis is related to plasma antioxidant activity.
Hall, C.R.	Wilson, P.M., Rodgers, W.M., Carpenter, P.J., <b>Hall, C.R.</b> , Hardy, J., & Fraser, S.N. (2004). The relationship between commitment and exercise behavior. <i>Psychology of Sport and Exercise</i> , 5, 405-421.	Noble, E.G.	Jackson, D.N., <b>Noble, E.G.</b> , & <b>Shoemaker, J.K.</b> (2005). Gender-modulated endogenous baseline neuropeptide Y Y1- receptor activation in the hindlimb of Sprague-Dawley rats. <i>The Journal of Applied Physiology</i> , 562, 285-294.
Jenkyn, T.R.	Specogna, A., <b>Birmingham, T.B.</b> , DaSilva, J., Milner, J.S., Hunt, M.A. Jones, I.C., <b>Jenkyn, T.R.</b> , Fowler, P.J., & Giffin, J.R. (2004). Reliability of lower limb frontal plane alignment measurements using plain radiographs and digitized images. <i>Journal of Knee Surgery</i> , 17, 203-210.	Noble, E.G.	Melling, C.W.J., Thorp, D.B., & <b>Noble, E.G.</b> (2004). Regulation of myocardial heat shock protein 70 gene expression following exercise. <i>Journal of Molecular and Cellular Cardiology</i> , 37, 847-855.
Kowalchuk, J.M.	Delorey, D.S., <b>Kowalchuk, J.M.</b> , & <b>Paterson, D.H.</b> (2004) Effect of age on O2 uptake kinetics and the adaptation of muscle deoxygenation at the onset of moderate-intensity cycling exercise. <i>Journal of Applied Physiology</i> , 97, 165-172.	Nolte, V.	<b>Nolte, V.</b> (2005). <i>Rowing faster</i> . Illinois: Champaign.
Kowalchuk, J.M.	Delorey, D.S., <b>Kowalchuk, J.M.</b> , & <b>Paterson, D.H.</b> (2004). Effects of prior heavy-intensity exercise on pulmonary O2 uptake and muscle deoxygenation kinetics in young and older adult humans. <i>Journal of Applied Physiology</i> , 97, 998-1005.	Paterson, D.H.	<b>Paterson, D.H.</b> (2004). Aging, Fitness, and the Kinetics of the Cardiorespiratory Response to Exercise. <i>Journal of Aging and Physical Activity</i> , 12, 339.
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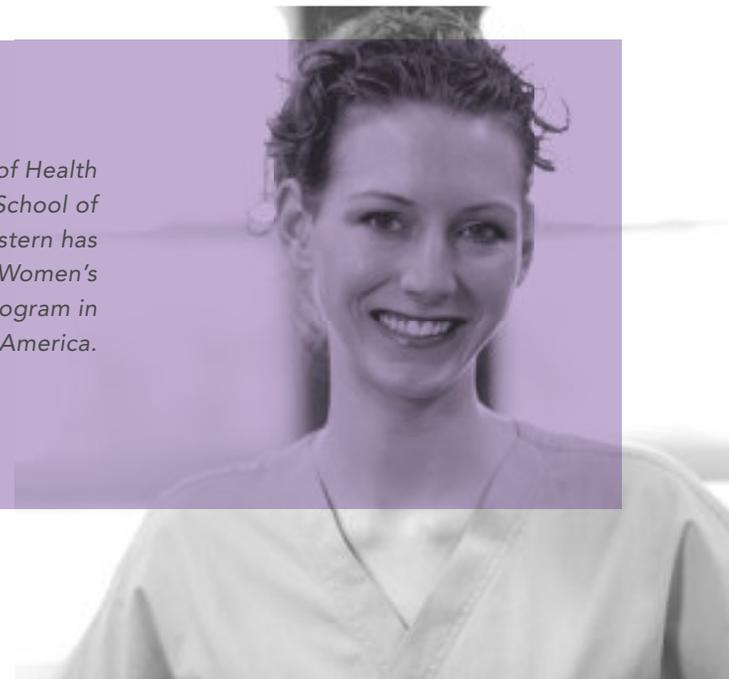
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MacKinnon, J.	<b>Shaw, L.</b> , & <b>MacKinnon, J.</b> (2004). A multidimensional view of health. <i>Education for Health, 17</i> , 213-222.	Miller, L.T.	<b>Mandich, A.D.</b> , Polatajko, H.J., <b>Miller, L.T.</b> , & Baum, C. (2004). <i>Pediatric Activity Card Sort</i> . Ottawa: Canadian Association of Occupational Therapists.
MacKinnon, J.	<b>Shaw, L.</b> , <b>MacKinnon, J.</b> , <b>McWilliam, C.</b> , & <b>Sumsion, T.</b> (2004). Consumer participation in the employment rehabilitation process: Contextual factors and implications for practice. <i>Work, 23</i> , 181-192.	Polgar, J.M.	<b>Polgar, J.M.</b> , Shaw, L., & Vrkljan, B. (2004). <i>Safe transportation for seniors</i> . <i>Canadian Seating and Mobility Conference</i> .
MacKinnon, J.	<b>Shaw, L.</b> , <b>Sumsion, T.</b> , <b>McWilliam, C.</b> , & <b>MacKinnon, J.</b> (2004). Service provider perspectives on including consumers in the vocational rehabilitation process. <i>Journal of Vocational Rehabilitation, 21</i> , 123-136.	Polgar, J.M.	Snowdon, A., <b>Polgar, J.M.</b> , & Potvin, J. (2004). Factors influencing child safety seat misuse. <i>SAE World Congress and Exhibition</i> .
Mandich, A.D.	Polatajko, H.J., Davis, J.A., <b>Hobson, S.</b> , Landry, J., <b>Mandich, A.</b> , Street, S., Whippey, E., & Yee, S. (2004). Meeting the responsibility that comes with the privilege: Introducing a taxonomic code for understanding occupation. <i>Canadian Journal of Occupational Therapy, 71</i> , 261-264.	Polgar, J.M.	Dowdell, E., Titus, L., & <b>Polgar, J.M.</b> (2005). Client satisfaction of a wheelchair and seating program: An evaluation of alternative methods of service delivery. <i>International Seating Symposium</i> .
Mandich, A.D.	Rodger, S., & <b>Mandich, A.D.</b> (2005). Getting the run around: Accessing services for children with Developmental Coordination Disorder. <i>Child, Health and Development, 31</i> , 79-89.	Polgar, J.M.	Phillips, K., Fisher, K., & <b>Polgar, J.M.</b> (2005). Transportation integration: Thinking beyond the wheelchair. <i>International Seating Symposium</i> .
Mandich, A.D.	<b>Mandich, A.D.</b> , Polatajko, H.J., Miller, L.T., & Baum, C. (2004). <i>Pediatric Activity Card Sort</i> . Ottawa: Canadian Association of Occupational Therapists.	Polgar, J.M.	Wilson, K., & <b>Polgar, J.M.</b> (2005). The effects of wheelchair seat tilt on seated pressure distribution in adults without physical disabilities. <i>International Seating Symposium</i> .

Author	Publication	Author	Publication
Polgar, J.M.	Vrkljan, B., & Polgar, J.M. (2004). The World Health Organization's (WHO) International Classification of Functioning, Disability and Health (ICF): Theoretical and clinical considerations for the driving rehabilitation specialist. <i>6th National Workshop for Driver Rehabilitation Specialists</i> .	Shaw, L.	Shaw, L., Sumsion, T., McWilliam, C., & MacKinnon, J. (2004). Service provider perspectives on including consumers in the vocational rehabilitation process. <i>Journal of Vocational Rehabilitation, 21</i> , 123-136.
Polgar, J.M.	Vrkljan, B., & Polgar, J.M. (2005). Driving, health and older adulthood: Implications of an aging society. <i>Canadian Association of Occupational Therapists Annual Conference</i> .	Sumsion, T.	Shaw, L., MacKinnon, J., McWilliam, C., & Sumsion, T. (2004). Consumer participation in the employment rehabilitation process: Contextual factors and implications for practice. <i>Work, 23</i> , 181-192.
Shaw, L.	Shaw, L., & MacKinnon, J. (2004). <i>A multidimensional view of health. Education for Health, 17</i> , 213-222.	Sumsion, T.	Shaw, L., Sumsion, T., McWilliam, C., & MacKinnon, J. (2004). Service provider perspectives on including consumers in the vocational rehabilitation process. <i>Journal of Vocational Rehabilitation, 21</i> , 123-136.
Shaw, L.	Shaw, L., MacKinnon, J., McWilliam, C., & Sumsion, T. (2004). Consumer participation in the employment rehabilitation process: Contextual factors and implications for practice. <i>Work, 23</i> , 181-192.	Sumsion, T.	Sumsion, T. (2005). Facilitating client-centred practice: Insights from clients. <i>Canadian Journal of Occupational Therapy, 72</i> , 13-20.



The School of Occupational Therapy was recently described by the Canadian Association of Occupational Therapists as a “model for other Occupational Therapy programs and at the cutting edge of OT practice”.

Author	Publication	Author	Publication
Bartlett, D.J.	<b>Bartlett, D.J., &amp; Lucy, D.</b> (2004). Comprehensive approach to outcomes research in rehabilitation. <i>Physiotherapy Canada, 56</i> , 237-247.	Kramer, J.	<b>Birmingham, T.B., Kramer, J., Obright, K.D., &amp; Kramer, J.F.</b> (2004). Effect of a positional release therapy technique on hamstring flexibility. <i>Physiotherapy Canada, 5</i> , 165-170.
Birmingham, T.B.	<b>Birmingham, T.B., Kramer, J., Obright, K.D., &amp; Kramer, J.F.</b> (2004). Effect of a positional release therapy technique on hamstring flexibility. <i>Physiotherapy Canada, 56</i> , 165-170.	Lucy, D.	<b>Bartlett, D.J., &amp; Lucy, D.</b> (2004). Comprehensive approach to outcomes research in rehabilitation. <i>Physiotherapy Canada, 56</i> , 237-247.
Birmingham, T.B.	Flynn, K., Pederson, C., <b>Birmingham, T.B.</b> , Kirkley, A., Jackowski, D., & Fowler, P.J. (2004). The familial predisposition towards tearing the anterior cruciate ligament: A case-control study. <i>American Journal of Sports Medicine, 33</i> , 23-28.	Lucy, D.	<b>Lucy, D.</b> (2005). Validity of the shuttle walk test as a clinical evaluative instrument. <i>The Lung Association Research Review, 2</i> , 7-8.
Birmingham, T.B.	Kovacs E., <b>Birmingham, T.B.</b> , Forwell, L., & Litchfield, R. (2004). The effect of training on postural control in figure skaters: a randomized controlled trial of neuromuscular versus basic off-ice training programs. <i>Clinical Journal of Sport Medicine, 14</i> , 215-224.	Obright, K.D.	<b>Birmingham, T.B., Kramer, J., Obright, K.D., &amp; Kramer, J.F.</b> (2004). Effect of a positional release therapy technique on hamstring flexibility. <i>Physiotherapy Canada, 56</i> , 165-170.
Birmingham, T.B.	Specogna, A., <b>Birmingham, T.B.</b> , DaSilva, J., Milner, J.S., Hunt, M.A., Jones, I.C., Jenkyn, T.R., Fowler, P.J., & Giffin, J.R. (2004). Reliability of lower limb frontal plane alignment measurements using plain radiographs and digitized images. <i>Journal of Knee Surgery, 17</i> , 203-210.	Overend, T.J.	Huggett, D.L., <b>Connelly, D.M., &amp; Overend, T.J.</b> (2005). Maximal aerobic capacity testing of older adults: A critical review. <i>Journal of Gerontology: Medical Sciences, 60</i> , 57-66.
Connelly, D.M.	Huggett, D.L., <b>Connelly, D.M., &amp; Overend, T.J.</b> (2005). Maximal aerobic capacity testing of older adults: A critical review. <i>Journal of Gerontology: Medical Sciences, 60</i> , 57-66.	Overend, T.J.	Mendelsohn, M.E., <b>Overend, T.J., &amp; Petrella, R.J.</b> (2004). Effect of rehabilitation on hip and knee proprioception in older adults after hip fracture: A pilot study. <i>American Journal of Physical Medicine &amp; Rehabilitation, 83</i> , 624-632.
Garland, S.J.	Gossen, E.R., <b>Ivanova, T.D., &amp; Garland, S.J.</b> (2004). Ischemia sensitivity and motoneuron afterhyperpolarization in human motor units. <i>Muscle &amp; Nerve, 30</i> , 195-201.	Overend, T.J.	Symons, B., <b>Vandervoort, A., Rice, C.L., Overend, T., &amp; Marsh, G.</b> (2004). Reliability of a single-session isokinetic and isometric strength measurement protocol in older men. <i>Journal of Gerontology: Medical Sciences, 60</i> , 114-119.
Garland, S.J.	Kuchinad, R.A., <b>Ivanova, T.D., &amp; Garland, S.J.</b> (2004). Modulation of motor unit discharge rate and H-reflex amplitude during submaximal fatigue of the human soleus muscle. <i>Experimental Brain Research, 158</i> , 345-355.	Overend, T.J.	Symons, B., <b>Vandervoort, A., Rice, C.L., Overend, T., &amp; Marsh, G.</b> (2004). Reliability of isokinetic and isometric knee-extensor force in older women. <i>Journal of Aging and Physical Activity, 12</i> , 525-537.
Garland, S.J.	Shatil, S., <b>Ivanova, T.D., Mochizuki, G., &amp; Garland, S.J.</b> (2005). Effects of therapeutic golf rehabilitation on golf performance, balance, and quality of life in individuals following stroke: Pilot study. <i>Physiotherapy Canada, 57</i> , 101-112.	Overend, T.J.	Symons, B., <b>Vandervoort, A., Rice, C.L., Overend, T., &amp; Marsh, G.</b> (2005). Effects of maximal isometric and isokinetic resistance training on strength and functional mobility in older adults. <i>Journal of Gerontology: Medical Sciences, 60</i> , 84-89.
Garland, S.J.	Mochizuki, G., <b>Ivanova, T.D. &amp; Garland, S.J.</b> (2004). Postural muscle activity during bilateral and unilateral arm movements at different speeds. <i>Experimental Brain Research, 155</i> , 352-361	Vandervoort, A.	Symons, B., <b>Vandervoort, A., Rice, C.L., Overend, T., &amp; Marsh, G.</b> (2004). Reliability of a single-session isokinetic and isometric strength measurement protocol in older men. <i>Journal of Gerontology: Medical Sciences, 60</i> , 114-119.
Ivanova, T.D.	Gossen, E.R., <b>Ivanova, T.D., &amp; Garland, S.J.</b> (2004). Ischemia sensitivity and motoneuron afterhyperpolarization in human motor units. <i>Muscle &amp; Nerve, 30</i> , 195-201.	Vandervoort, A.	Symons, B., <b>Vandervoort, A., Rice, C.L., Overend, T., &amp; Marsh, G.</b> (2004). Reliability of isokinetic and isometric knee-extensor force in older women. <i>Journal of Aging and Physical Activity, 12</i> , 525-537.
Ivanova, T.D.	Kuchinad, R.A., <b>Ivanova, T.D., &amp; Garland, S.J.</b> (2004). Modulation of motor unit discharge rate and H-reflex amplitude during submaximal fatigue of the human soleus muscle. <i>Experimental Brain Research, 158</i> , 345-355.	Vandervoort, A.	Symons, B., <b>Vandervoort, A., Rice, C.L., Overend, T., &amp; Marsh, G.</b> (2005). Effects of maximal isometric and isokinetic resistance training on strength and functional mobility in older adults. <i>Journal of Gerontology: Medical Sciences, 60</i> , 84-89.
Ivanova, T.D.	Shatil, S., <b>Ivanova, T.D., Mochizuki, G., &amp; Garland, S.J.</b> (2005). Effects of therapeutic golf rehabilitation on golf performance, balance, and quality of life in individuals following stroke: Pilot study. <i>Physiotherapy Canada, 57</i> , 101-112.	Vandervoort, A.	<b>Ward-Griffin, C., Hobson, S., Melles, P., Klosock, M., Vandervoort, A., &amp; Crilly, R.</b> (2004). Falls and fear of falling among community-dwelling seniors: The dynamic tension between exercising precaution and striving for independence. <i>Canadian Journal on Aging, 23</i> , 307-318.

*Western's Faculty of Health Sciences is at the forefront of innovation into research and education in the Health Sciences and is committed to providing the best student experience among Canada's leading research-intensive universities.*



## Grant Application Success Rate (July 1, 2004 – June 30, 2005)

	Number of Applications	Number Awarded	Success Rate	Amount	Total Amount
<b>INTERNAL – COMPETITIVE</b>					
ADF Small	12	5	42%	7,497 7,299 7,500 7,033 7,444	36,773
ADF Major	4	0	0%		
FHS Interdisciplinary Research Initiative	4	1	25%	7,958	7,958
International Curriculum Fund	3	3	100%	3,396 4,993 5,000	13,389
International Research Award	2	0	0%		
Petro-Canada Young Innovator Award	1	1	100%	7,000	7,000
SSHRC Internal	8	5	62.5%	7,000 6,072 5,280 5,000 6,920	30,272
SSHRC Conference	5	3	60%	2,225 2,131 1,197	5,553
SSHRC 4A	1	1	100%	10,000	10,000
Western Fellowship in Teaching Innovation	2	0	0%		
				Total Internal	110,945
<b>EXTERNAL</b>					
Alzheimer Society	1	0	0%		
Canada Research Chair	2	1	50%	100,000	100,000
Canadian Diabetes Association	2	0	0%		
Canadian Foundation for Dietetic Research	1	0	0%		
Canadian Health Services Research Foundation	1	1	100%	68,451 (held at U of Ottawa)	
Canadian Occupational Therapy Foundation	3	3	100%	5,000 (held at McMaster) 5,000 5,000	5,000 10,000
Canadian Stroke Network	1	1	100%	23,000	23,000
CanDRIVE	1	0	0%		
CFI - New Opportunities	2	2	100%	319,656 175,069	494,725
CFI - CRC	1	1	100%	100,000	100,000

	Number of Applications	Number Awarded	Success Rate	Amount	Total Amount
<b>EXTERNAL</b>					
ORF	2	2	100%	319,656 175,069	494,725
Change Foundation	2	1	50%	100,000	100,000
CIDA	1	1	100%	1,500,000 over 3 years (with Schulich*)	1,500,000
CIHR	20	7 pending - 2	39%	169,141 over 3 years 438,760 over 4 years 152,459 48,475 10,000 299,999 (held at U of Manitoba) 186,524 (held at U of Ottawa)	818,835 486,523
CIHR/CHSRF/ Alzheimers Society	1	1	100%	177,455	177,455
CIHR/CLLRNet	2	2	100%	5,000 13,000	18,000
CIHR/HSCF	1	1	100%	112,493	112,493
CLLRNet	2	2	100%	64,000 32,000	96,000
CNIB - E.A. Baker Foundation	1	1	100%	22,214	22,214
Hamilton Health Sciences New Investigator Fund	1	1	100%	22,608	22,608
Health Canada	1	0	0%		
Health Technology Exchange (ORTC)	2	1	50%	100,000	100,000
Hearing Foundation Canada	2	0	0%		
Heart & Stroke	3	1	33%	175,585 over 3 years	175,585
Inukshuk Fund	1	0	0%		
London Community Foundation	1	1	100%	9,500	9,500
Marie Curie International Fellowships	1	0	0%		
NSERC	4	4	80%	75,178 over 3 years 154,420 over 5 years 169,925 over 5 years 145,650 over 5 years	545,173
Ontario Mental Health Foundation	1	0	0%		

\*Note: Schulich = Schulich School of Medicine and Dentistry at The University of Western Ontario.

	Number of Applications	Number Awarded	Success Rate	Amount	Total Amount
<b>EXTERNAL</b>					
Ontario Ministry of Health & Long-Term Care	1	0	0%		
Ontario Ministry of Health & Long-Term Care - Career Scientist Award	1	1	100%	60,375/year over 5 years	494,725
Ontario Neurotrama Foundation	1	1	100%	154,484 over 3 years	154,484
Ontario Tobacco Research Unit	1	1	100%	30,000	30,000
Ontario Respiratory Care Society	1	1	100%	12,868	12,868
Physicians' Services Inc. Foundation	1	0			
Research Institute for Aging	1	1	100%	10,000 (at U of Waterloo)	10,000
Royal College of Physicians & Surgeons of Canada	1	1	100%	10,000 (held by Schulich*)	
SSHRC	12	5	42%	80,558 over 3 years (at U of Windsor)	80,558
				205,820 over 3 years	
				100,000	
				30,000	
				80,000 over 3 years	
134,325 over 3 years	550,145				
Unitron Hearing	1	1	100%	30,555 over 3 years	30,555
Workplace Safety & Insurance Board	2	0	0%		
<b>Total External Funding Held Outside Western</b>					<b>\$650,532</b>
<b>Total External Funding Held at Western</b>					<b>\$6,107,266</b>
(\$851,734 in 2003-2004 – increase of \$1,937,448)	<b>Total TriCouncil</b>				<b>\$2,789,182</b>
(\$4,405,158 in 2003-2004 – increase of \$2,352,640)	<b>Total External Funding</b>				<b>\$6,757,798</b>
(\$4,584,827 in 2003-2004 – increase of \$2,283,916)	<b>Total (Internal &amp; External)</b>				<b>\$6,868,743</b>

\*Note: Schulich = Schulich School of Medicine and Dentistry at The University of Western Ontario.



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### Grant Funding Comparison Chart 2003-2004 to 2004-2005

	FHS External Grant Funding	
	July 1, 2003-June 30, 2004	July 1, 2004-June 30, 2005
Total External Funding Held Outside Western	0	\$650,532
Total External Funding Held at Western	0	\$6,107,266
Total TriCouncil	\$851,734 (increase of \$1,937,448)	\$2,789,182
Total External Funding	\$4,405,158 (increase of \$2,352,640)	\$6,757,798
TOTAL (Internal & External)	\$4,584,827 (increase of \$2,283,916)	\$6,868,743

## Successful Grant Applications

### Bachelor of Health Sciences Program July 1, 2004 – June 30, 2005

Note: Shaded areas denote collaboration – P.I. not in this discipline or external to Western

Investigator(s)	Agency	Proposed Title	Amount Funded
Irwin, J.D., Gilliland, J. (P.I. - Geography, Western)	CIHR	Assessing the influence of environmental factors on obesity-related behaviours in youth	169,141 Yr 1 - 76,630 Yr 2 - 57,249 Yr 3 - 35,262
Irwin, J.D., Gilliland, J. (P.I. – Geography), He, M., & Holmes, M.)	London Community Foundation	Assessing neighbourhood opportunities for physical activity among children in London	9,500
Irwin, J. D.	Petro-Canada Young Innovator Award	Obesity treatment through life coaching: a pilot study	7,000
Irwin, J.D., & Mandich, A. (P.I.)	CIHR/Hospital for Sick Children	A cognitive intervention for children with Asperger's Syndrome: A pilot RCT	Yr 1 - 54,929.70 Yr 2 - 57,563.05
Johnson, A.M.	ADF - Small Grant Competition	Research to policy in Canadian hearing health care: Audiologist training, certifications, and scope of practice	7,500
Kloseck, M.	CFI - New Opportunities	An applied research laboratory for aging and community health	319,656
Kothari, A. (Co-P.I.) with U of Ottawa	CIHR - Operating	Evaluating maps and mapping software as innovative tools for knowledge transfer: A study of knowledge producer/user pairs in Ontario early years centres	Yr 1 - 93,262 Yr 2 - 93,262
Kothari, A. (15%) with U of Ottawa (P.I.)	Canadian Health Services Research Foundation	Phase 2: Networking infrastructure for community health nursing researchers and decision makers	68,451
Kothari, A.	Canadian Tobacco Control Research Institute	Federal tobacco control: Understanding interactions within the national tobacco policy community	Yr 2 - 52,530
Kothari, A.	Ontario Tobacco Research Unit - Special Competition for OTS Related Research	Intersections among tobacco control policy networks within Ontario	30,000
Kothari, A.	Ontario Ministry of Health & Long-Term Care - 2005 Open Provincial Competition Career Scientist Award under the Health Research Personnel Development Program	Fostering interactions and understanding networks for knowledge transition	60,375 per year

### School of Communication Sciences and Disorders July 1, 2004 – June 30, 2005

Note: Shaded areas denote collaboration – P.I. not in this discipline or external to Western

Investigator(s)	Agency	Proposed Title	Amount Funded
Allen, P.	CIHR/CLLRNet joint funding	Individual differences in auditory processing abilities: Implications for identification and treatment of disorders	5,000
Doyle, P.C. - P.I. with Lee, C., & Fung, K.	FHS Interdisciplinary Research Award	Comparative evaluation of primary vs. secondary tracheoesophageal puncture voice restoration: Acoustic, psychophysical, and quality of life outcomes	7,958
Kertoy, M., with Bartlett, D., Miller, L., & Specht, J.	SSHRC internal	Ensuring successful participation of children and youth with special needs: Evaluating supports and barriers in current community recreation and leisure programs	7,000
Parsa, V.	The Health Technology Exchange	Ontario Research Technology Consortium - Hearing Team	127,526
Parsa, V., (P.I.) Scollie, S. (Co-Investigator)	HTX - The Health Technology Exchange	Development of a handheld platform for audiology and speech language pathology applications	57,000
Scollie, S., with Parsa, V., Seewald, R., Joannise, M., & Kertoy, M.	NSERC	Evaluation of frequency compression hearing aids for children	75,000 over 3 years
Scollie, S.	Hearing Foundation of Canada	The effects of frequency compression processing on speech recognition in children with hearing impairment	22,500
Scollie, S.	CFI - New Opportunities Fund	Infant hearing aid technology laboratory (IHAT)	175,069
Scollie, S.	Unitron Hearing	Evaluation of frequency compression hearing aids for children	30,555 over 3 years
Seewald, R.	CLLRNet- partnered with CIHR Institute of Human Development, Child & Youth Health	Effective intervention through amplification for hearing loss in early infancy	13,000
Skarakis-Doyle, E., & Miller, L.	SSHRC Internal Grant Competition	An exploration of executive function, theory of mind, and social competence in children mild/moderate developmental disabilities	6,072
Warr-Leeper, G. (P.I.), Rvachew, S., & Jamieson, D	CLLRnet	Facilitating practice change: Use of computers in speech-language pathology	64,000
Warr-Leeper, G. (P.I.), Rvachew, S., & Jamieson, D	CLLRnet	Use of resources and methods to increase effectiveness of speech language pathology services	32,000

School of Kinesiology July 1, 2004 – June 30, 2005

Note: Shaded area denotes collaboration – P.I. not in this discipline or external to Western

Investigator(s)	Agency	Proposed Title	Amount Funded
Barney, R.K. P.I. - U of Windsor	SSHRC	Buying the five rings: Television networks, corporate sponsors, and Olympic commercialism	60,000 over 3 years
Noble, E.G.	NSERC	The stress response to exercise	Yr 1 - 30,884 Yr 2 - 30,884 Yr 3 - 30,884 Yr 4 - 30,884 Yr 5 - 30,884
Patterson, D.H. (P.I.), & Kowalchuk, J.M. – (Co-P.I.)	NSERC Discovery Grants - Group	Regulation of gas exchange and metabolism in exercise, system links and age-related modulation	Yr 1 - 33,985 Yr 2 - 33,985 Yr 3 - 33,985 Yr 4 - 33,985 Yr 5 - 33,985
Rice, C.L. (P.I.) & Vandervoort, A.A.	NSERC	Neural and contractile control of muscle force	Yr 1 - 29,130 Yr 2 - 29,130 Yr 3 - 29,130 Yr 4 - 29,130 Yr 5 - 29,130
Schneider, A.J.	SSHRC	Sport ethics strategic clusters design proposal	10,000
Schneider, A.J.	SSHRC Internal Research Grant	The development of a conceptual framework and research question on ethics and values in sport utilizing a multidisciplinary approach: A mechanism to facilitate participation of various disciplines and community partners	5,280.50
Schneider, A.J.	SSHRC - Internal	Development of a conceptual framework and research questions on ethics and values in sport utilizing a multidisciplinary approach: A mechanism to facilitate participation of various disciplines and community partners	5,281
Schneider, A.J.	International Curriculum Fund	International curriculum on sport ethics and gender	3,396
Wamsley, K.B.	SSHRC Internal Research Grant	The child gymnast: Risk, body size, and the changing code of points.	5,000
Wamsley, K.B.	ADF - Small Grants Competition	The child gymnast: Risk, body size, and the changing code of points.	7,299

School of Nursing July 1, 2004 – June 30, 2005

Note: Shaded areas denote collaboration – P.I. not in this discipline or external to Western

Investigator(s)	Agency	Proposed Title	Amount Funded
Andrusyszyn, M.A., Iwasiw, C., Goldenberg, D., Kerr, M., Sinclair et al	SSHRC	Mentoring of baccalaureate nursing students by staff nurses	Yr 1 - 64,640 Yr 2 - 74,168 Yr 3 - 67,012
Andrusyszyn, M.A., Iwasiw, C., & Westson, W. (Schulich)	The Royal College of Physicians and Surgeons of Canada	Workshop - Facilitating and evaluating online dialogue: An experience in interprofessional education	5,000
Berman, H., Forchuk, C.	CIHR	Uprooting, displacement, and health in the lives of girls: A critical exploratory study	48,475
Forbes, D., & Leipert, B., et al.	Alzheimer Society of Canada, Canadian Nurses Foundation, Nursing Care Partnership of the CHSRF, CIHR Institute of Aging, CIHR Institute of Gender and Health	Role of home care in dementia care	177,455
Forchuk, C.	SSHRC	Canadian housing research cluster	10,000 (from internal SSHRC)
Forchuk, C., Berman, H., et al	SSHRC	Diversity and homelessness: Visible/cultural minorities and psychiatric survivors	Yr 1 - 40,000 Yr 2 - 40,000
Ford-Gilboe, M.	Western SSHRC Conference Travel Competition	15th International nursing research congress	2,131
Iwasiw, C.	International Curriculum Fund	Interdisciplinary curriculum development in global health	5,000
Iwasiw, C., with Cechetto, D., (P.I.), Clarke, M., McGrath, S., Skinner, P., & Bishagara, T.	CIDA	Rebuilding health in Rwanda	1,500,000
King, M.L., Laschinger, H.K.S., & Orchard, C.	The Change Foundation & MoHLTC Nursing Secretariat (The 2005 Open Grants Competition Innovation in Nursing Practice)	A critical care bridging program to prepare baccalaureate nursing students for hospital practice	100,000
Laschinger, H.K.S.	SSHRC	Testing a multi-level model of workplace empowerment in hospital nursing settings: A national study	Yr 1 - 48,089 Yr 2 - 46,918 Yr 3 - 39,318

School of Nursing July 1, 2004 – June 30, 2005

Note: Shaded areas denote collaboration – P.I. not in this discipline or external to Western

Investigator(s)	Agency	Proposed Title	Amount Funded
Laschinger, H.K.S., & Degner, L., (P.I. - U of Manitoba)	CIHR - Collaborative Research Project	Evaluation of an organizational intervention to improve nursing work life through training in knowledge transition: Phase 1	299,999
Laschinger, H.K.S.	Western SSHRC Conference Travel Competition	2004 Academy of management annual meeting	1,197.34
Leipert, B., Rudman, D. (P.I.), & Klinger, L. et al	CNIB - E.A. Baker Foundation - Applied Research Division	Dismantling barriers to use of low vision services for older adults in urban and rural settings	25-Oct-60
Leipert, B.	Ontario Women's Health Council Chair in Rural Women's Health Research	A pilot study of rural women's health: Rural values and empowerment	7,000
Ward-Griffin, C.	SSHRC Internal Research Grant Competition	Double-Duty caregiving: Development of the role augmentation scales (RAS)	6,920
Ward-Griffin, C.	CIHR (IGH) Special Projects Program	Double-Duty caregiving: Development of the role augmentation scales (RAS)	10,000
Forchuk, C.	SSHRC	Diversity and homelessness: Minorities and psychiatric survivors	7,500 (from internal SSHRC)

In February 2006, the Faculty of Health Sciences launched the Inaugural Public Lecture Series featuring Michael Decter, Chair of the Health Council of Canada. This is the first of many public lectures to take place in February each year.



School of Occupational Therapy July 1, 2004 – June 30, 2005

Note: Shaded areas denote collaboration – P.I. not in this discipline or external to Western

Investigator(s)	Agency	Proposed Title	Amount Funded
Hobson, S., (P.I. with McMaster University)	Canadian Occupational Therapy Fund	Optimizing daily living in clients with dementia and their caregivers: A critical literature review of occupational therapy interventions	5,000
Kinsella, E., & Bossers, A.	International Curriculum Fund	Clinical fieldwork education in a health sciences curriculum: Exploring international possibilities	4,993
Kinsella, E.	ADF - Small Grant	Engaging the moral imagination: Students' perceptions of ethical practice	7,500
Doyle, P.C., Lee, C., & Fung, K.	FHS Interdisciplinary Research Award	Comparative evaluation of primary vs secondary tracheoesophageal puncture voice restoration: Acoustic, psychophysical, and quality of life outcomes	7,958
Mandich, A.D.	Western SSHRC Conference Travel	DCD - VI conference: Developmental Coordination Disorder (DCD)	2,224
Mandich, A.D. (P.I.) & Irwin, J.D.	CIHR/HSCF	A cognitive intervention for children with Asperger's Syndrome: A pilot RCT	Yr 1 - 54,929.70 Yr 2 - 57,563.05
Miller, L.T., & Skarakis-Doyle, E. (P.I.)	Western SSHRC Internal Grant Competition	An exploration of executive function, theory of mind, and social competence in children with developmental disabilities	6,072
Miller, L.T., Kertoy, M., Bartlett, D., & Specht, J.	SSHRC	Ensuring participation of children and youth with special needs: Evaluating supports and barriers in current community recreation and leisure programs.	5,000
Rudman, D.	ADF - Small Grant	Mapping contemporary discursive constructions of retirees and retirement in Canadian print media	7,033
Rudman, D.	Canadian Occupational Therapy Fund	Examining the evidence pertaining to return to driving following strokes in later life: Predictors and effectiveness of interventions	5,000
Rudman, D., with Co P.I.'s - Klinger, L., Leipert, B., et al	CNIB - E.A. Baker Foundation - Applied Research Division Grant Application	Dismantling barriers to service use: understanding experiences of older adults with low vision in urban and rural settings	22,214
Shaw, L.	Canadian Occupational Therapy Fund	Exploring barriers to & strategies for enabling RTW/RTF for persons with chronic disability	5,000

School of Physical Therapy July 1, 2004 – June 30, 2005

Note: Shaded areas denote collaboration – P.I. not in this discipline or external to Western

Investigator(s)	Agency	Proposed Title	Amount Funded
Bartlett, D.J., Kertoy, M., Specht, J., & Miller, L.T.	SSHRC Internal	Ensuring participation of children and youth with special needs: Evaluating supports and barriers in current community recreation and leisure programs.	5,000
Birmingham, T.B.	Canada Research Chair Application (CRC - II)	Musculoskeletal Rehabilitation Chair	100,000
Birmingham, T.B.	CFI and ORF	Musculoskeletal Rehabilitation: Decreasing physical disability by enhancing joint and muscle function	230,571
Birmingham, T.B., Litchfield, R. (P.I.), Drosdowech, D., & Feagan, B.	CIHR, Clinical Trials, University-Industry Program	Cemented vs uncemented fixation of humeral components in total shoulder arthroplasty for primary osteoarthritis	438,760 over 4 years
Birmingham, T.B., Kramer, J., Fowler, P.J. (P.I.), & Litchfield, R., et al	CIHR, Clinical Trials Program	Arthroscopic surgery versus non surgical treatment of osteoarthritis of the knee	152,459 over 1.5 years
Connelly, D.M.	ADF - Small Grant	Development of a submaximal aerobic fitness test for frail, older adults using an all-extremely recumbent exercise machine: A pilot study	7,443.68
Connelly, D.M., & Overend, T.J., Co-P.I., Dr. Roy - main P.I. with U of Waterloo	Research Institute for Aging	A new exercise mode for aerobic training in frail, older adults	10,000
Garland, S.J.	Heart & Stroke Foundation	Standing balance following stroke: A novel approach for postural muscle retraining	Yr 1 - 58,160 Yr 2 - 58,215 Yr 3 - 59,210
Garland, S.J.	Canadian Stroke Network	Understanding quality of life post-stroke	23,000

School of Physical Therapy July 1, 2004 – June 30, 2005

Note: Shaded areas denote collaboration – P.I. not in this discipline or external to Western

Investigator(s)	Agency	Proposed Title	Amount Funded
Connelly, D.M., & Overend, T.J., Co-P.I., Dr. Roy - main P.I. with U of Waterloo	Research Institute for Aging	A new exercise mode for aerobic training in frail, older adults	10,000
Garland, S.J.	Heart & Stroke Foundation	Standing balance following stroke: A novel approach for postural muscle retraining	Yr 1 - 58,160 Yr 2 - 58,215 Yr 3 - 59,210
Garland, S.J.	Canadian Stroke Network	Understanding quality of life post-stroke	23,000
Garland, S.J.	CIHR	Standing balance following stroke: A novel approach for postural muscle retraining	Pending
Garland, S.J.	NSERC	Bilateral motor unit activity during postural tasks	Yr 1 - 26,000 Yr 2 - 26,000 Yr 3 - 26,000 Yr 4 - 26,000 Yr 5 - 26,000
Houghton, P., (Co P.I.'s Hayes, Woodbury, Keast, et al)	Ontario Neurotrauma Foundation	Management of pressure ulcers in community dwelling individuals with spinal cord injury (SCI): Demonstration of a CCAC driven model of delivery of electrical stimulation therapy (EST)	Yr 1 - 52,134.81 Yr 2 - 51,652.61 Yr 3 - 50,696.00
Lucy, D., (30% in PT) & Overend, T.J., (5%) et al	Ontario Respiratory Care Society (ORCS)	Abdominal support and functional outcomes in patients undergoing major abdominal surgery: A randomized control trial	12,868
Lucy, D., Cheifetz, O., (P.I. Hamilton Health Sciences), & Crowe, J.	Hamilton Health Sciences' New Investigator Fund	Use of abdominal binders post upper abdominal surgery and their effects on function	22,608
Vandervoort, A., & Rice, C.L. (P.I.)	NSERC	Neural and contractile control of muscle force	Yr 1 - 29,130 Yr 2 - 29,130 Yr 3 - 29,130 Yr 4 - 29,130 Yr 5 - 29,130

Bachelor of Health Sciences Program  
(10 full-time faculty)

Belliveau, Daniel J.	Assistant Professor
Charland, Louis C.	Associate Professor
Cheesman, Margaret F.	Associate Professor
Irwin, Jennifer D.	Assistant Professor
Johnson, Andrew M.	Assistant Professor
Johnson, Marjorie	Assistant Professor
Kloseck, Marita	Assistant Professor
Kothari, Anita	Assistant Professor
Schweitzer, Ann T.	Lecturer
Trujillo, Steven A.	Associate Professor

School of Communication Sciences and Disorders  
(19 full-time faculty)

Adams, Scott G.	Associate Professor
Allen, Prudence	Associate Professor
Booth, John C.	Associate Professor
Doyle, Philip	Professor
Fisher, Randi B.	Lecturer
Jamieson, Donald G.	Professor
Jennings, Mary-Beth	Assistant Professor
Kertoy, Marilyn K.	Associate Professor
Martin, Ruth E.	Associate Professor
Moodie, Kenneth	Lecturer
Moosa, Taslim	Lecturer
Orange, Joseph B.	Associate Professor
Parsa, Vijay	Assistant Professor
Scollie, Susan	Assistant Professor
Seewald, Richard	Professor
Skarakis-Doyle, Elizabeth	Associate Professor
Venema, Theodore H.	Assistant Professor
Warr-Leeper, Genese	Associate Professor
Webster, William G.	Professor

School of Kinesiology  
(38 full-time faculty)

Belfry, Glen R.	Lecturer
Boydell, Craig L.	Associate Professor
Buckolz, Eric	Professor
Carron, Albert V.	Professor
Croley, Vickie	Lecturer
Danylchuk, Karen E.	Associate Professor
Doherty, Alison J.	Associate Professor
Hall, Craig R.	Professor
Haylor, Larry	Associate Professor
Jenkyn, Thomas R.	Assistant Professor
Jones, Gareth	Assistant Professor
Kowalchuk, John M.	Associate Professor
La Rose, Robert A.	Assistant Professor
Lapenskie, Garry P.	Lecturer
Lebrun, Constance M.	Assistant Professor
Lemon, Peter W.R.	Professor
Lowrie, Dean A.	Lecturer
Marsh, Greg D.	Assistant Professor
Martinelli, Barry	Lecturer
Meier, Klaus V.	Professor
Morrow, L. Donald	Professor
Mottola, Michelle F.	Associate Professor
Noble, Earl	Professor
Nolte, Volker	Assistant Professor
Paterson, Donald H.	Professor
Peterson, Donna	Associate Professor
Rice, Charles L.	Associate Professor
Salmoni, Alan	Professor
Schneider, Angela J.	Associate Professor
Semotiuk, Darwin M.	Professor
Shoemaker, Kevin J.	Assistant Professor
Singer, Clarke	Lecturer
Takahashi, Ray	Lecturer
Taylor, Albert W.	Professor
Vigars, Robert	Associate Professor
Wamsley, Kevin B.	Associate Professor
Weese, W. James	Professor
Wesch, Natascha N.	Lecturer

School of Nursing  
(22 full-time faculty)

Andrusyszyn, Mary Anne	Associate Professor
Anthony, Susan E.	Lecturer
Bawden, Mary Elizabeth	Lecturer
Berman, Helene	Associate Professor
Dietrich, Pamela	Lecturer
Evans, Marilyn K.	Assistant Professor
Ferguson, Karen	Lecturer
Forchuk, Cheryl	Professor
Ford-Gilboe, Marilyn	Associate Professor
Iwasiw, Carroll	Professor
Kerr, Michael S.	Assistant Professor
King, Mary Lou	Assistant Professor
Laschinger, Heather	Professor
Leipert, Beverly D.	Associate Professor
McWilliam, Carol L.	Professor
Orchard, Carole	Associate Professor
Peeling, Barbara J.	Lecturer
Sinclair, Barbara	Lecturer
Starr, Annie J.	Assistant Professor
Walker, Catherine	Lecturer
Ward-Griffin, Catherine	Associate Professor
Wong, Carol A.	Assistant Professor

School of Occupational Therapy  
(14 full-time faculty)

Bossers, Ann	Associate Professor
Cook, Joanne V.	Associate Professor
Harburn, Karen L.	Associate Professor
Hobson, Sandra	Associate Professor
Kinsella, Anne	Assistant Professor
Klinger, Lisa	Lecturer
Lee, Christopher	Assistant Professor
Mandich, Angie	Assistant Professor
Miller, Linda T.	Associate Professor
Polgar, Janice A.	Associate Professor
Rudman, Debbie	Assistant Professor
Shaw, Lynn	Assistant Professor
Spaulding, Sandi J.	Associate Professor
Sumsion, Thelma	Associate Professor

School of Physical Therapy  
(12 full-time faculty)

Bartlett, Doreen J.	Assistant Professor
Birmingham, Trevor B.	Assistant Professor
Bisbee, Leslie	Lecturer
Brown, Janet	Lecturer
Connelly, Denise	Assistant Professor
Garland, Jayne	Professor
Houghton, Pamela	Associate Professor
Kramer, John F.	Associate Professor
Lucy, Deborah S.	Associate Professor
Obright, Katherine D.	Associate Professor
Overend, Thomas J.	Associate Professor
Vandervoort, Anthony	Professor

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