

MEMORANDUM

Date: March 19, 2015

To: Dr. Todd Randall
Acting Dean
Faculty of Science and Environmental Studies

From: Dr. David Law
Chair
Department of Biology

**Subject: INTERNAL ADJUNCT FACULTY RENEWAL:
DR. ZACHARIAS SUNTRES
NORTHERN ONTARIO SCHOOL OF MEDICINE, LAKEHEAD UNIVERSITY**

Dr. Z. Suntres has requested an extension of his internal adjunct status within the Department of Biology.

As an internal adjunct faculty member, Dr. Z. Suntres will:

- supervise or co-supervise graduate or undergraduate students
- contribute to other scholarly pursuits of the department
- facilitate the pursuit of independent research
- present a research seminar to the Department of Biology in the Fall 2015 or Winter 2016 term

The Department of Biology recommends that Dr. Z. Suntres' internal adjunct faculty status be renewed for the time period July 1, 2015 to June 30, 2019.

Please see attached documents.



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David Law

DL:em
Attachments

Dr. Zacharias Suntres
Associate Professor
Northern Ontario School of Medicine
955 Oliver Road
Thunder Bay, Ontario, P7B 5E1

March 11, 2015

Attn: Dr. David Law
Department of Biology
955 Oliver Road
Thunder Bay, Ontario
P7B 5E1

Dear Dr. Law,


I would like to express my intent to re-new the position of adjunct Professor I currently hold in the Department of Biology, Lakehead University.

During the past 4-years, I have been actively involved in the scholarly activities of the Department and the University by supervising graduate and undergraduate students, by serving on graduate student advisory committees, comprehensive examination committees, and these defence committees and collaborating with full-time faculty.

I have enjoyed working with colleagues and students in the Department of Biology and I am looking forward in continuing my involvement in the activities of the Department.

If you require additional information, please do not hesitate to contact me.

Regards,



Dr. Zacharias Suntres

West Campus
Lakehead University
955 Oliver Road
Thunder Bay ON P7B 5E1
Tel: 807-766-7300
Fax: 807-766-7370

East Campus
Laurentian University
935 Ramsey Lake Road
Sudbury ON P3E 2C6
Tel: 705-675-4883
Fax: 705-675-4858

www.normed.ca

March 1, 2015

Dr. David Law, Chair of Biology
Department of Biology
Lakehead University
Thunder Bay, ON, P7B 5E1

Dear Dr. Law, *David*

This letter is in support of Dr. Zacharias Suntres' application to renew his Adjunct professor status in our department. Dr. Suntres has an extensive experience in pharmaceutical research and in other Biology-related disciplines. This is Dr. Suntres' application for a third term as Adjunct. He has continued to contribute to the academic life of Biology department by delivering seminars, and teaching undergraduate and graduate students. In his last two terms as Adjunct, Dr. Suntres supervised 11 BSc students and 5 MSc students. There is no reason to believe this effort will diminish in his upcoming term.

It is without a doubt that Dr. Suntres will continue to be an active contributor to the academic life of our department, starting with a departmental seminar during the next year.

Thank you in advance for favourably processing the request through the Biology department and Lakehead University Senate.

Sincerely, *Lada Malek*

Lada Malek
Professor of Biology

CURRICULUM VITAE

ZACHARIAS E. SUNTRES, BSc(H), Ph.D.

Northern Ontario School of Medicine
Lakehead University
Thunder Bay, Ontario, P3E 2C6
Tel. 807-766-7395
zsuntres@nosm.ca

EDUCATION:

University of Western Ontario, London, Ontario, CANADA

Doctor of Philosophy degree in Pharmacology, Department of Pharmacology
(1985-1990)

Bachelor of Science (Honours) degree in Pharmacology and Physiology,
Department of Pharmacology (1981-1985)

EMPLOYMENT:

Northern Ontario School of Medicine (NOSM), Lakehead University Campus, Ontario,
CANADA

1. **Professor** (tenured) (2010-present)
2. **Associate Professor** (tenured) (2004-2010)
3. **Theme 4 Foundations of Medicine Course Chair** (2004-2007)
4. **Phase I Coordinator for Year-1**, Administrative appointment
Undergraduate Medical Education, (2005-2010)
5. **Module Coordinator**-Stipendiary administrative appointment,
Cardiovascular/Respiratory System (2005-2014)

Department of National Defence, Defence Research and Development Canada, Toronto,
Ontario, CANADA

Senior Scientist-Toxicology (1992-2004)

Department of National Defence, Defence and Civil Institute of Environmental
Medicine, Toronto, Ontario, CANADA

NSERC Post-Doctoral Fellow-Toxicology (1990-1992)

University of Western Ontario, London, Ontario (1985-1990)

Instructor/Graduate Student

APPOINTMENTS:

- 2004-present Adjunct Professor, Department of Chemistry, Lakehead University, Ontario, Canada
- 2006-2009 Member, Institute of Cancer Research, Ontario, Canada
- 2007-present Adjunct Professor, Department of Biology, Lakehead University, Ontario, Canada
Core Master's Thesis Supervisory membership
- 2007-present Adjunct Professor, Department of Chemistry and Biochemistry, Laurentian University, Ontario
- 2007-present Biomolecular Sciences Programme, Laurentian University, Ontario, Canada
Core Doctoral membership
- 2007-present PhD in Biotechnology, Lakehead University, Ontario, Canada
Core Faculty member
- 2007-present Interdisciplinary Program for Research on Safe Driving, Lakehead University, Ontario, Canada
- 2010-present Adjunct Professor, Master of Public Health Programs, Lakehead University, Ontario, Canada
Core Master's Thesis Supervisory membership
- 2011-present Adjunct Professor, Department of Chemistry and Material Science, Lakehead University, Ontario, Canada
Core Doctoral membership

ACADEMIC HONOURS/AWARDS:

- 1982-1985 Dean's Honours List (University of Western Ontario)
- 1985 Graduate Admission Scholarship (University of Western Ontario)
- 1985-1990 Graduate Teaching Assistantship (University of Western Ontario)
- 1986-1990 Ontario Graduate Scholarship (OGS)
- 1986-1987 Special University Scholarship (University of Western Ontario)

- 1990 Special University Scholarship (University of Western Ontario)
- 1990-1992 NSERC Post-Doctoral Fellowship
- 2003 Work presented by Guzman, J, Palmer, J., Yu, J-G., **Suntres, Z.**, Xue, J., Cooke H.J., Wisel, S., Michler, R., Hassanain, H.H., and Christofi, F.L [published in Gastroenterol Abstr. Vol 124 (4) Suppl. 1:P-20, 2003], received the highest score of over 650 abstracts submitted to the Motility Section of the American Gastroenterology Association meeting in 2003. This work was also presented in the distinguished abstract plenary session.
- 2006 The Advanced Medical Countermeasures Consortium consisting of Rick Rest, **Zach Suntres**, Milton G. Smith, William Stone, Peter Ward, Ken Alibek, Salil Das, Keith Crawford **were invited to participate** in a two-day discussion sponsored by The Caring Institute: Thinking About the Unthinkable: Evaluating U.S. Pandemic Preparedness, Washington, DC (Other panel participants included: Hon. N. Gingrich, Former Speaker, US House of Representatives; G. Koenig, Former Deputy Chief Counsel Department of Homeland Security; L. Landesman, American Public Health Association; Hon. T. Thompson, Former Secretary, US Department of Health and Human Services). The Consortium was represented by Dr. Rick Rest.
- 2007 Article by Chen, Z., **Suntres, Z.**, Palmer, J., Guzman J., Javed, A., Xue, J., Yu, JG., Cooke, H., Awad, H., Hassanain, H.H., Cardounel, A.J., Christofi, F.L. Cyclic AMP signaling contributes to neural plasticity and hyperexcitability in AH sensory neurons following intestinal *Trichinella spiralis*-induced inflammation. *Int J Parasitol.* 37:743-761, 2007 was selected as the featured article and the cover image for that issue.
- 2007 The Student/Trainee awards competition of 2007 given by the Association of Medical Microbiologists of Ontario (AMMO) was awarded to M. Alipour for the work presented by Alipour, M., **Suntres, Z.**, and Omri, A. during the Annual Canadian Association for Clinical Microbiology and Infectious Diseases Conference in Halifax (2007) titled: "Liposomal Polymyxin B: Preparation, Characterization, and Evaluation of its activity towards Gram-negative bacterial strains".
- 2008 The Student/Trainee awards competition of 2008 given by the Association of Medical Microbiologists of Ontario (AMMO) was awarded to M. Alipour for the work presented by Alipour, M., **Suntres, Z.**, and Omri, A. during the Annual Canadian Association for Clinical Microbiology and Infectious Diseases Conference in Vancouver (2007) titled: "Activity of Liposomal Antibiotics in Sputum of Cystic Fibrosis Patients ".

TEACHING ACTIVITIES:

2005-present **Northern Ontario School of Medicine, Thunder Bay, Ontario**

2005-present **a) Whole Group Session lecturer for:**

Succeeding in small group learning (2009)
 Introduction to Pharmacology
 Respiratory Pathophysiology (2005-2009)
 The structure and function of the thyroid gland (2005-2008)
 Principles of Toxicology
 Medical Toxicology

2009-present **b) Distributed Tutorial Session lecturer/facilitator for:**

The structure and function of the thyroid gland

2005-present **c) Module Coordinator for:**

Cardiovascular and Respiratory Systems (CBM 103) or End of Life Issues (CBM 111) (6-weeks)

2011-present **d) Small Group Sessions for:**
 (CBM 108 [Renal System] and CBM 106 [Endocrine System])

Other Teaching Activities at NOSM

2005-present ***Small Group Sessions:***

Ad hoc facilitator for Topic-Oriented Sessions and Case-Based Learning Sessions

2006 Substitute Module coordinator for: Musculoskeletal System (1 week)

2005-2008 Orientation of year 1 medical students (2005-2008)

2004-2007 Writer (CBM 111) and Co-writer (CBM 102, 105, 108) of draft cases/vignettes for topic-oriented sessions and laboratories

2005-2007 Orientation of faculty teaching whole group sessions and small group sessions for the Cardiovascular and Respiratory module

2005-present Theme 4 content person for CBMs 103 (GI system) (2005-2009) and CBM 111 (Toxicology)

- 2005-2008 Orientation sessions and training for the Aboriginal Community Coordinators
- 2005 Lecturer for pilot project to medical students placed in Aboriginal Communities. Topic of lecture series: Introduction to Endocrinology
- 2006-2008 Debriefing of Community Learning Sessions Facilitators for CBM 106
- 2007-2009 CBM 106 Self-Study Assessor

2006-2011 **Lakehead University, Thunder Bay, Ontario**

2006-2011 Department of Biology-Biology 5101 YA, BIO 5111, Biology 3990, and Biology 4101

2011-2012 Department of Chemistry – Advanced Research Course (Luminex xMAP technology)

1991-2003	Defence and Civil Institute of Environmental Medicine, Department of National Defence, Toronto, Ontario
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Supervised 6 co-op students from the Universities of Waterloo and Guelph for a 6 and 12-month terms.

1985-1990 **University of Western Ontario, London, Ontario**

Instructor for:

- 1985-1990 Pharmacology and Toxicology Laboratory Course (480)
- 1988-1989 Dental Pharmacology (306y): Diuretics
- 1989-1990 Principles of Toxicology (463a)

Highly-Qualified People Trained and/or Supervised:

Post-Doctoral Fellow

1996-1998 Dr. Abdel Omri, currently Professor at Laurentian University

Graduate Students

2005-2007	Melanie Heney, Department of Biology, Lakehead University (MSc) Current position: PhD candidate at Baylor College, Texas, USA. "Cytotoxicity of liposomal taxol"
2006-2012	Misagh Alipour, Biomolecular Sciences Programme, Laurentian University, Ontario (PhD candidate) "Drug Delivery and Adjunct Strategies in the Treatment of Pseudomonas Aeruginosa Infections".
2007-2009	Peter Mitsopoulos, Department of Biology, Lakehead University (MSc) (recipient of the NSERC Alexander Graham Bell Canada Graduate Scholarship). "The role of free- and liposomal-N-acetylcysteine in paraquat-induced cytotoxicity"
2009-2012	Roxanne Pycko, Department of Biology, Lakehead University (MSc candidate) "Lipoic Acid and its Potential Role in the Treatment of Oxidative-Induced Injury of A549 Lung Epithelial Cells"
2010-2012	Boran Baregzay, Department of Biology, Lakehead University (MSc candidate; co-supervised with Dr. N. Khaper). "The cumulative effects of hypoxia and hyperglycemia on cardiac oxidative stress"
2012-2014	Karina Kachur, Department of Biology, Lakehead University, (MSc candidate) "The effects of naturally-derived plant compounds on Pseudomonas aeruginosa".

Undergraduate Thesis Students

2005-2006	Matt Kaskiw, Department of Chemistry, Lakehead University (co-supervisor)
2006-2007	Peter Mitsopoulos, Department of Biology, Lakehead University
2007-2008	S. Herbert, Department of Chemistry and Biochemistry, Laurentian University (co-supervisor)
2008-2009	Jesse Gordon, Department of Biology, Lakehead University
2008-2009	Patricia Lyle, Department of Biology, Lakehead University
2009-2010	Heidi Forsyth, Department of Biology, Lakehead University
2009-2010	Carolyne Buonocore, Department of Biology, Lakehead University
2011-2012	John Coccimiglio, Department of Biology, Lakehead University
2012-2013	Adrian Agostino, Biotechnology Program, Lakehead University
2013-2013	Natali Surcic, Applied Biomolecular Science Program, Lakehead University
2012-2013	Boran Baregzay, Nursing Program, Lakehead University
2013-2014	Natali Surcic, Applied Biomolecular Science Program, Lakehead University
2014-2015	Boris Boris PotoyantsIline, Department of Biology, Lakehead University

Medical Student-Summer Medical Research

2006	Dr. Bruce Cook, Northern Ontario School of Medicine
2013	John Coccimiglio, NOSM
2014	John Coccimiglio, NOSM

Undergraduate Non-Thesis Students

2007 Kartar Kalsi, Department of Biology, Lakehead University
2008 Bryan Gray, Department of Biology, Lakehead University
2008 Patricia Lyle, Department of Biology, Lakehead University
2010 John Coccimiglio, Department of Chemistry, Lakehead University
2011 John Coccimiglio, Department of Biology, Lakehead University

Co-op Students

1991 Shelley R Hepworth, University of Guelph
1992 Shelley R Hepworth, University of Guelph
1993 Lubna Hussain, University of Waterloo
1994 Anita Schneider, University of Waterloo
1995 Anita Schneider, University of Waterloo
1996 Najma Alibhai, University of Guelph
2002 Catherine Quach, University of Waterloo
2006 Michelle Turner, University of Waterloo

Interns, Research Assistants, and Staff

1991-2003 Doug Saunders, staff, DRDC-Toronto
1994-2001 Tom Brown, staff, DRDC Toronto
2000-2001 Helen Leimonis, Research Assistant, University of Toronto
2007-2008 Natasha Vermeulen, NOSM Research Intern
2011 John Coccimiglio, Lakehead University
2012 John Coccimiglio, Lakehead University (NSERC)
2013 Jeffrey T. Gustafson, Lakehead University (NSERC)

Graduate Examination Committee

2005 Clement Mugabe (MSc), Department of Chemistry and Biochemistry, Laurentian University, Sudbury, Ontario
2007 Majed Halwani (PhD) –Comprehensive exam, Department of Chemistry and Biochemistry, Laurentian University, Sudbury, Ontario.
2009 Cassimir Bazzul, Thesis Examiner, 4th year Biochemistry, Department of Chemistry and Biochemistry, Laurentian University.
2009 Caroline Cheng, MSc Thesis Committee, Department of Biology, Lakehead University.
2010 Majed Halwani (PhD) – Thesis examiner, Department of Chemistry and Biochemistry, Laurentian University.
2010 William Dew (PhD) – Advisory Committee/Thesis examiner, Biotechnology, Lakehead University
2010 Second reader: CHMI 4615/55 Research Thesis, Crystal Dorval, Dept. Chem/Biochem, Laurentian University
2010 Second reader: CHMI 4615/55 Research Thesis, Keneth Burns, Dept. Chem/Biochem, Laurentian University

- 2010 Comprehensive Examination Committee: Joel Eibl, Biomolecular Program, Laurentian University
- 2010 Thesis Examiner, Jana Bellanger, MSc, Laurentian University
- 2013 Joshua Choi - MSc Thesis Committee, Department of Biology, Lakehead University.
- 2013 Alaa Alhazm, Comprehensive Examination Committee, Biotechnology Program, Lakehead University
- 2014 Joshua Choi - MSc Thesis Examiner, Department of Biology, Lakehead University
- 2014 Chike Azike, PhD External Examiner, University of Western Ontario
- 2014 Geresa Senhorinho – Biomedical Sciences Programme, Laurentian University, PhD Comprehensive exam

ACADEMIC COMMITTEES MEMBERSHIP:

2004-present *Northern Ontario School of Medicine*

Member

Academic Council (elected 2005-2008; 2011-2014)
 LCME Accreditation Group (2004-2011)
 Undergraduate Medical Education Committee (2005-2010)
 Research Committee (2005-2007)
 Faculty Development Advisory group (2004-2005)
 Admissions Committee (2004-2013)
 Admissions Selection Subcommittee (2005-2010, 2012-2013)
 Assessor, Admissions applications (2005-2013)
 Infrastructure Research Laboratory Group (2005)
 Phase I Committee, Undergraduate Medical Education, (curriculum development for Years 1 and 2) (2005-2010)
 Phase I Coordinators, Ad Hoc Committee (2005-2010)
 Pension Committee (elected 2005-2013)
 Awards Committee (2005-2006; 2012-2015)
 Student Assessment and Promotions Committee (2005-2010; 2012-2013)
Ad Hoc Academic Council, Constitutional Review Committee (elected 2006)
 Mid-Module and End-Module Examination Evaluation Group (2005-2006)
 Interim Academic Council (2004-2005)
 Student Special Circumstances Ad Hoc committee (2007-2009)
 Admissions Question Generation Subcommittee (2007-2009)
 Orientation Week Workgroup (2009)
 Implication of Additional Student Enrollment Workgroup (2009)
 Clinical and Translational Research working group (Curriculum) (2009-2010)
 Member- Pharmacology Working Group – Phase I study guide (2009-)
 Member, Theme 4 Committee, (2010-2013)
 Member of Faculty Promotions Committee (2012-present)

Member, SAPC Appeals Ad-hoc Committee (2012, 2013, 2014)
Member, Laboratory Committee (2012-2014)
Global Health Working Group (2014-)

Chair/Co-Chair Positions

Co-Chair, Phase I Committee, Undergraduate Medical Education (2005-2007)
Chair, Module Working Group for the development of the Curriculum for the Aboriginal Integrated Community Experience, CBM 106, (2005-2007)
Chair, Module Working Group for Placement of students to Aboriginal Communities (2006)
Chair, Module Working Group for the development of End of Life/Toxicology Module (CBM 111) (2006-2007)
Chair, Module Working Group for the review and revision of CBM 102, Gastrointestinal System (2007-2009)
Chair, Module Working Group for the review and revision of CBM 103, Cardiovascular and Respiratory Systems (2007-2009)
Chair, Module Working Group for the review and revision of CBM 106 Musculoskeletal System, (2007-2009)
Chair, Module Working Group for the review and revision of CBM 111, End of Life/ Toxicology Module (2007-2009)
Chair, Textbook Committee (2006-2010)
Chair, Pension Committee (2006-)
Chair, UMEC Sub-Committee to review terms of references for the Undergraduate Medical Education Committee (UMEC) (2007)
Chair, UMEC Sub-Committee to review terms of references for the Program Evaluation Committee (PEC) (2007)
Chair, UMEC Sub-Committee to review terms of references for the Student Assessment and Promotions Committee (SAPC) (2007)
Chair, Working Group on Complimentary Alternative Medicine (2007-2008)
Chair, Student Assessment and Promotions Committee (SAPC) (2008- 2010; 2014-2017)
Chair, Faculty Promotions Committee (2013-)
Chair, Theme 4 Foundations of Medicine Course (2014-2017)

Hiring Academic Personnel Committees

Assistant Dean Admissions (2013)
Assistant Dean Learner Affairs (2012)
Student Assessment Coordinator (2010)
Theme 5 Chair (2008)
Faculty-Physiology (2005)
Faculty – Immunology (2005)

2004-2006 ***Lakehead University-*** Biohazard Safety Committee

PROFESSIONAL ACTIVITIES/ORGANIZATIONAL SKILLS:

Reviewer, French National Research Agency, 2013.
Invitation by CBC to participate in a discussion panel regarding the role of antioxidants in health and disease (declined due my absence from the North American continent) (August 2013).
Reviewer, NSERC Industrial Research Chair in Pharmacometrics, University of Montreal, Montreal (2013) (declined due to scheduling conflict)
Ontario Court- Expert Witness, Toronto, 2012 (declined to scheduling conflict)
Judging Committee for Poster Presentations: Canadian Oxidative Stress Consortium, 7th Conference Meeting, 2012.
Invited Speaker – Institute of Environmental Medicine, University of Pennsylvania, Philadelphia, USA, 2012
Invited Speaker - Ontario Ginseng Innovation Research Center Conference, London, Ont., 2009.
Invited Conference Session Chair – Northern Health Research Conference, Thunder Bay, Ontario, 2009
Invited Speaker - Canadian Oxidative Stress Consortium, Winnipeg, MB, 2009
OPSEU Scrutineer-Elections for Staff Unionization (2009)
Invited Speaker - Biomolecular Sciences Programme, Laurentian University, Ontario, 2008
Invited Speaker - Advanced Medical Countermeasures Consortium, Washington, DC, 2008
CAUT Defence Fund: Member of Board of Trustees (2006-2009)
OPSEU NOSMFA Local 677: Treasurer (2008-2009)
OPSEU NOSMFA Local 677: Grievance Committee (2008-2010)
OPSEU NOSMFA Local 677: Negotiating team (2006, 2009, 2011)
OPSEU NOSMFA Local 677: Scholarship Committee (2008-2009)
Invited as a Review Panel member for the Early Researcher Awards (Life Sciences Health Panel), Ministry Research and Innovation, Ontario Government (2007)
Invited Speaker - Advanced Medical Countermeasures Consortium, Orlando, FL, 2007
Participated in the Medical School's LCME accreditation (2005, 2006, 2008, 2009, 2010)
Invited by community members in Thunder Bay to consult them on the health effects of air pollution that would be generated from a gas station for trucks (Thunder Bay) 2006-2008
Reviewer of students applying to NOSM (2004-2010)
Executive Member of Northern Ontario School Faculty Association (2005-present)
Member of scholarship, bargaining, anomalies fund, and scholarship committees, Northern Ontario School of Medicine Faculty Association (NOSMFA) (2006-present)
Founding Member-Northern Ontario School of Medicine Faculty Association (2004)
Organized the review sessions for the End-Module exams with medical students (2005-2006)
Prepared, analyzed, and reported on a faculty survey evaluating the NOSM curriculum (2006)

Prepared, analyzed, and reported on a student survey evaluating the NOSM curriculum (2006)

Organized and facilitated a workshop on the Distributed Tutorial Learning sessions (2006)

Co-organized training for Topic Oriented Session (PBL) facilitators (2006).

Co-organized the training for the Case-Based Learning and Topic Oriented Session facilitators (Aboriginal Integrated Community Experience Module) (2006)

Reviewed grants for NSERC and the Canadian Cystic Fibrosis Foundation (2006-2008)

Invited Speaker - East Tennessee State University, J.H. Quillen Medical School (2006)

Treasurer - Lake Superior Centre for Regenerative Medicine, Inc. (elected 2005-)
(received approx. \$500,000 from the Government of Ontario and City of Thunder Bay)

Treasurer- Northern Ontario School of Medicine Faculty Association (2005)

Invited to review and edit 5 chapters-Principles of Medical Toxicology. Elsevier Canada. A Textbook edited by Dr. Kalant

Invited speaker - School of Pharmacy-Wayne State University (2003)

Managed the Institutional Animal Colony at the Defence and Civil Institute of Environmental Medicine-Toronto. (1996-2002)

Invited to review and edit the book "Hunting the 1918 Flu: One Scientist's Search for a Killer Virus" by Dr. Kirsty Duncan (2005)

Invited speaker - U.S. Army Medical Research and Materiel Command (USAMRMC) by Col. David L. Danley, project manager for the Joint Vaccine Acquisition Program (2001)

Co-organized, chaired sessions, and presented in National and International Workshops:

- i. Defence Liposome Research Workshop, Toronto (1993)
- ii. Sepsis and Septic Complications Workshop, Toronto, (1995)
- iii. New Technology Workshops: Biotechnology, Toronto, (1996)
- iv. Immune Responses to Inflammation and Trauma: A Physical Training Model, Toronto (1997)

Invited speaker - National Research Council, Institute for Biodiagnostics, Winnipeg, Manitoba (1999)

Invited speaker - Department of Anaesthesiology-Ohio State University (1997)

Lobbied Members of Parliament (Canada) and Federal Government Ministers and organized the meeting with and promoted the vision and mission of the Defence and Research Institute of Environmental Medicine (Toronto) to the Minister of National Defence to reverse the Department's decision to shut-down the research institute during the mid-90's period of "downsizing" (1995). **Decision was successfully reversed.**

Invited and organized the tour of the Defence and Civil Institute of Environmental Medicine (Toronto) for 5 Federal Government Ministers and 15 Members of Parliament (1996)

Invited presentation to representatives of the Franco-Canadian Accord between Defence and Civil Institute of Environmental Medicine (DCIEM, Canada) and Centre d'Etudes du Bouchet (CEB, France) (1996)

Presented formal and informal presentations to the Canadian Surgeon General and Chief, Research and Development, Canada (1991-1996)