

STEVAN THOMAS LAURIAULT, B.Sc.

Toronto, ON

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Objective:

My objective is to work full-time/permanently with potential for advancement into a leadership role, within a world-class life science organization.

Employment Experience:

CONTRACTOR – Research Assistant/Technician

Sunnybrook Health Sciences Centre

Trauma Research – Clinical and Integrative Biology

Toronto, ON

May 2006 - Present

On contract to work at **Defence R&D Canada** to process samples and assisting in the development of assays for the Resuscitation Outcomes Consortium (ROC); a multi-centre clinical trial to test the effects of hypertonic saline infusion in severe trauma patients.

Responsibilities: Whole human blood processing and staining, pipetting, centrifuge, BD FACSCalibur (w/ sorter) and FACSCanto flow cytometers, CellQuest Pro, FlowJo and FACSDiva software. Routinely perform machine calibration, maintenance, troubleshooting, experimental design, control antibody isotype/concentration matching, antibody/stimulation titrations, fluorescence compensation, data acquisition, analysis and bulk export of formatted statistics to database. I trained users in lab in universal safety precautions, diverse staining techniques, flow cytometry troubleshooting, data acquisition and analysis. Research advanced cytometry techniques, purchasing quote generation, group scheduling, hardware/software upgrades, LWA, PC/Mac, carousel setup (automation), FACSCanto software, MS Windows, EndNotes, Outlook, web research, etc. 24/7 on-call, at a time. Certified BD FACSCanto Operator Course (October, 2006).

RESEARCH TECHNOLOGIST I

The Hospital for Sick Children

Flow Cytometry Core Facility

TORONTO, ON

March 2005 - Sept. 2005 (part-time, temp. contract)

Responsibilities: Daily maintenance, calibration and operation of the BD FACScan and FACSCalibur Flow Cytometers. Acquired and analyzed flow cytometry data (1-4 colour) from multiple laboratories using CellQuest Pro and FlowJo software. Constructed batch analysis template and performed batch analysis using FlowJo software. Scheduled and managed assay appointments using FileMaker Pro. Trained users how to acquire and analyze data.

SCIENTIST II

Astrom Biosciences

ANN ARBOR, MI

Sept. - Nov. 2004 (full-time, temp. contract)

Responsibilities: 4-colour analysis of human bone-marrow using Coulter Epics XLMCL flow cytometry with windows-based Expo32 software. Complex sample handling, molecular-fluorescence staining matrices, data analysis and archiving.

SCIENTIST II

Pfizer Inc. - Global Research and Development

ANN ARBOR, MI

April - Sept. 2004 (full-time, temp. contract)

Responsibilities: Optimization of 4-color Lymphocyte sub-setting assay. Rodent euthanasia and surgery. Single-cell suspensions from tissue, fl-mAb staining, flow cytometry using FACSCalibur with CellQuest Pro software, mAb preparations, dilutions, SOPs, databook and notebook recordings, data analysis, validation and PowerPoint presentation. Training: Chemical spill safety, General Site Safety, Animal Welfare training.

TEACHING ASSISTANT

University of Windsor, Department of Biology

WINDSOR, ON

Jan. - April 2004 (part-time, semester)

Assisted in teaching first year biology lab with the department of Biological Sciences while pursuing Hon. B. Sc. in Biochemistry and Biotechnology.

SOFTWARE ENGINEER/VICE PRESIDENT

InDevPro Inc.

WINDSOR, ON

Feb. - April 2003

Assisted in family entrepreneurial endeavor. Database-driven web programming using Dreamweaver MX, Flash MX, ColdFusion MX, HTML, Java, C++, MySQL server, MS Access. Database-driven Webpage design, template production, multitasking and office duties.

CHEMIST/BIOCHEMIST

HydroBiotech Inc.

MIRABEL, QUEBEC

Feb. - May 2002 (full-time, contract)

Responsibilities: Project Management, Excel database input/functions, Chemical Preparation, spectrophotometric analysis, ion-selective electrode maintenance and testing, pH measurement, flame photometric analysis, blood serum analysis, HPLC, bilingual environment (French/English).

RESEARCH ASSOCIATE

Université de Lausanne, Biochemistry Institute
EPILANGES, SWITZERLAND

July - Sept. 2001 (full-time, stage)

Responsibilities: Experiments in tumor targeting using an innovative approach, in collaboration with ISREC and Ludwig Institute for Cancer Research. Bacterial culture incubation and stimulation, Synthesis and purification of inclusion bodies from E.Coli and subsequent SDS-PAGE and chromatographies. Performed refolding procedures of soluble MHC class I molecules with peptide. Tumour cell culture, mouse maintenance, (SCID, normal), FACS analysis, ELISPOT and lab duties. Please see www.cancerimmunity.org vol. 3 no. 11.

RESEARCH ASSOCIATE

Rigel Pharmaceuticals Inc.
S. SAN FRANCISCO, CALIFORNIA

May - Sept. 2000 (full-time, temp. contract)

Responsibilities: Calculated dilutions for Jurkat T-cell proliferation. Maintained cells in the biohazard cell culture room, organized cloned cells into 96 well plates, BD FACSCalibur w/ CellQuest software operation, analyzed data and documented results.

* References Available per request

Education:

Hon. B.Sc., BIOCHEMISTRY AND BIOTECHNOLOGY

University of Windsor

Windsor, ON

Sept. 2004 - May 2005

Completed 3rd year of program, including: Calculus I/II, Physics I, Metabolism I/II, Proteins and Nucleic Acids, Bioinformatics/Genomics/Proteomics. Biology T.A.

MEDICAL LABORATORY SCIENCES

St. Clair College

Windsor, ON

Sept. - Dec., 2003

Completed 1st semester of M.L.S, including Clinical Laboratory Knowledge, Spanish, Communication across cultures, and English Literature. Part-time Nursing tutor.

GRADUATE STUDENT - UNCLASSIFIED

University of Calgary

Calgary, AB

Sept. - Dec., 2000

Completed two research-intensive courses: Nucleic Acids, Cellular and Molecular Immunology, including a grant proposal concerning the invention of an innovative molecule for cancer-immunotherapy (bispecific IgG/HLA/flu peptide conj., see above) .

BACHELOR OF SCIENCE DEGREE, BIOLOGICAL SCIENCE

University of Windsor

Windsor, ON

Sept. 1996 - June, 2000

Course emphasis: Immunology, Immunochemistry, Molecular Biology, Organic Chemistry, Biochemistry, Medical Microbiology and Statistics. Varsity CIAU football athlete for four years. Received the "Lancer Award" for distinguished varsity athlete and role-model.

Volunteer Experience:

Defence Research and Development Canada (DRDC)

Operational Medicine Facility, Downsview

Toronto, Ontario

Oct. - Dec., 2005

BD FACSCanto flow cytometer with FACSDiva software. Intracellular and intranuclear leukocyte staining, Compensation, population gating and data analysis. Blood donation.

Church Youth Groups/Functions.

Amherstburg, Ontario

Pineville, Louisiana

Multiple Sclerosis Walkathon

Windsor, Ontario