

TAMMY L. WILSON

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SUMMARY

Responsible educator focused on student centered learning. Known for promoting a welcoming and respectful classroom environment. A solid science background with a demonstrated ability to present curriculum in relatable, relevant and engaging manner.

- Practiced Care Theory when promoting academic, social and emotional development of students.
- Honoured diversity in ethnicity and student learning styles.
- Maintained student engagement by using narratives, offering choices and incorporating movement.
- Quickly built relationships with students and staff for an effective learning environment.
- Implemented technology to enhance student learning and comprehension.
- Provided struggling students with one-on-one support after class.

TEACHING EXPERIENCE

TTOC, Burnaby and Coquitlam School Districts **Feb 1 – Present**

- Providing education to students of varied academic levels and diverse cultural backgrounds in K-12.

Student Teacher, Windermere Secondary School, Vancouver, BC **Sept 23 - Dec 1, 2015**

Science 8, Science 10 and Biology 11

- Effectively developed and implemented creative, collaborative and student centered lesson plans.
- Assisted in Academic Strategies, providing techniques for organization and assistance with coursework.
- Assisted with homework club after school providing science and math support to students.
- Graded assignments and entered marks and attendance on MyEd.

Student Teacher, Citadel Middle School, Port Coquitlam, BC **Feb 22 - Apr 2, 2015**

Math 7, Science 7/8

- Designed and taught lesson plans on density, buoyancy, pressure, parallel and perpendicular lines and angles.

School of Wonderstanding Spring break camp, Port Coquitlam, BC **Mar 2015**

- Leading campers, age 5-10, through activities ranging from skits, dance moves, charades, games and crafts.

VOLUNTEER EXPERIENCE

NEW WESTMINSTER SECONDARY, New Westminster, BC **Apr – May 2014**

Biology 11/12 - Aiding in demonstration and dissection labs of live and preserved specimens including amoeba, paramecium, hydra, planarian, leaf parts, lamb heart, fetal pig, rat and blood typing lab.

CARIBOO SECONDARY HIGH SCHOOL, Burnaby, BC **Jan – May 2013**

Science 8, 9 and Biology 11 - Prepared, instructed and demonstrated dissection labs involving live and preserved specimens. Supported learning by reviewing homework questions at front of class. Made course matter relevant to students by relating answers and observations to real life situations. Provided input during departmental staff discussions on new strategies for upcoming year.

Numeracy Support Grades 8 and 9 Mathematics - Supplied one to one support to students struggling in regular math curriculum by utilizing manipulatives and diagrams to further demonstrate solutions.

EDUCATION

Bachelor of Education, Secondary, Simon Fraser University, Burnaby, BC **Dec 2015**

Bachelor in General Biology, University of Calgary **June 1992**

PROFESSIONAL DEVELOPMENT

- Promoting Resilience in Children and Youth presentation by Molly Lawler, Nov 27, 2015
- BC Science Teachers Association Catalyst Conference Oct 23, 2015
- Social Emotional Learning in the Classroom presentation by Krissy Epele, Port Coquitlam, April 17, 2015
- Anxiety: Basic Management in the Classroom, Ocean Van Samang, Port Coquitlam, April 17, 2015
- Social Emotional Learning presentation by Marna McMillian, SFU, March 2015
- Mental Well Being in the School Setting with Laurie Bernie, SFU, March 2015

WORK EXPERIENCE

UNIVERSITY OF BRITISH COLUMBIA, Vancouver, BC

Lab Manager/Technician, Laboratory of Dr. Cheryl Wellington **2013 – 2015**

Assisted in the study of Alzheimer disease by preparing three dimensional engineered models of blood vessels from human umbilical endothelial cells, microtome and cryostat sectioning, immunohistochemistry, confocal microscopy and imaging; training others in cell culture and histology, completing confidentiality agreements, animal and clinical ethics amendments and submissions, purchasing supplies and minor equipment and accounts management.

UNIVERSITY OF BRITISH COLUMBIA, Vancouver, BC

Lab Manager/Technician, Laboratory of Dr. Michael Hayden **2005-2103**

Manage daily operations for research lab of over 45 members including procuring and maintaining supplies and equipment; managing equipment maintenance records, coordinating Material Transfer Agreements, bookkeeping and financial reporting; coordinating budget expenditures; completing invoice payments and reconciling; orientating new personnel and informing them of lab and building policies.

UNIVERSITY OF CALGARY, Calgary, AB

1997 – 2005

Research Assistant, Laboratory of Dr. V. Wee Yong

Initiated and maintained primary cell cultures from both mouse and human tissue. Tested drug efficacy in animal models of human gliomas via injections and intracerebral stereotaxic surgery. Harvested and prepared organs for and performed immunohistochemistry for assessment of drug efficacy. Isolated human mononuclear cells for clinical drug trial analysis. Managed mouse colony by updating inventories, setting up matings, performing culls, providing progeny lists to trainees. Maintained general lab upkeep by ordering inventory and requesting service calls. Orienting new lab personnel to building and training new techniques.

OTHER INTERESTS

Travelling, hiking, yoga, baking and camping with my two daughters, aged 5 and 7.

REFERENCES

Greg Sutherland, Faculty Associate, SFU	gsutherl@sfu.ca	(604) 931-4500 (cell)
Wade Annas, School Associate, Winderemere Secondary	rannas@vsb.bc.ca	(604) 713-8180 (school)
Damian Wilmann, Vice Principal, Winderemere Secondary	dwilmann@vsb.bc.ca	(604) 713-8180 (school)