

Dave Bossmín

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TDSB Employee # 243496

OCT # 687395

FORMAL EDUCATION

BACHELOR OF EDUCATION, UNIVERSITY OF WESTERN ONTARIO

JUNE 2018

Intermediate/Senior Math and Physics Qualification, Equity Education Specialty

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, UNIVERSITY OF ALBERTA

JUNE 1997

Graduated with Distinction and First-Class Standing, Co-operative Education Program

Formal Education Awards and Recognition

- ***D. Carlton Williams Gold Medal in Education*** highest academic standing; excellence in practicum teaching
- ***F.C. Biehl Memorial Award for Excellence*** as the Faculty of Education's most outstanding student
- ***W.S. Turner Award*** for practicum excellence through enlightened mathematics teaching

PROFESSIONAL TEACHING EXPERIENCE - LONG TERM OCCASIONAL

WOBURN COLLEGIATE INSTITUTE

NOV 2020 - JUN 2021 (8 MONTH LTO)

Grade 9 Science (1D) and Grade 10 Science (2D) (Academic Pathways), Grade 12 Physics (4U)

- Emphasized student safety and mental health during pandemic learning
- Maintained high expectations within an accommodating framework for academic pathways students
- Invented numerous authentic scientific inquiries compatible with virtual learning

CITY ADULT LEARNING CENTRE (CALC)

FEB 2020 - JUN 2020 (5 MONTH LTO)

Grade 9 Math (1D), Grade 12 Math (Calculus), Grade 11/12 Physics (3U/4C)

- Accommodated immigrant and refugee students with multi-year education gaps and ESL challenges
- Created positive and supportive learning environment within a multicultural environment
- Supported students during challenging transition to online learning
- Developed and conducted 3U physics course completely online. Course features included:
 - Self-produced daily video lessons and physics demonstrations
 - Engaging formative assessments, problem-solving seminars and inquiry investigations

WESTERN TECHNICAL-COMMERCIAL SCHOOL, TDSB

OCT 2019 - JAN 2020 (4 MONTH LTO)

Grade 9 and Grade 11 Math (Special Education: 1P9, 3P9), Grade 11 Math (3U)

- Ensured students felt safe and cared for during their transition to a new teacher
- Collaborated frequently with the special education department to address individual and class needs
- Actively engaged with parents in support of their children's learning
- Delivered equity workshop to colleagues as part of school-wide professional development initiative

WESTERN TECHNICAL-COMMERCIAL SCHOOL, TDSB

SEPT 2018 - JUNE 2019 (10 MONTH LTO)

Grade 9 Science (1P and 1D), Grade 10 Science (2P), Grade 12 Physics (4C, 4U, 4U)

- Emphasized exploratory and inquiry-based science learning
 - Implemented lab-based final exams in the SPH4C, SNC2P and SNC1P courses.
- Placed special emphasis on creating positive science spaces for female and LGBTQ+ students
- Incorporated Indigenous and non-European perspectives into science lesson plans
- Supervised extra-curricular activities (semi-formal, weekend charity events, Gay-Straight Alliance)

PROFESSIONAL ENGINEERING EXPERIENCE

RESEARCHER, TELECOMMUNICATION ENERGY EFFICIENCY ERICSSON (OTTAWA, ON)

2011-2016

- Developed and tested methods for measuring the environmental impact of mobile communication.
- Presented at four international environmental conferences; delivered keynote address.
- Wrote and published a major international environmental standard (ATIS-0600015.09.2015); Mediated and negotiated with 8 stakeholder companies.
- Received 2015 North American industry leadership award for fostering a working environment conducive to positive communication, team work, compromise, and consensus-building.

INTEGRATED CIRCUIT DESIGNER, TELECOMMUNICATION PRODUCTS NORTEL NETWORKS (OTTAWA, ON)

1997-2011

- Microelectronics design specialist of industry-leading mobile phone and internet modem technology.
- Technical leader for several successful 18-month telecom design projects; Directed and collaborated with teams of 6-10 engineers.
- Interviewed, hired, and mentored four university co-op students annually.
- Consistently ranked in top 10% of peers in yearly performance reviews.

SOCIAL JUSTICE EDUCATION EXPERIENCE

I consistently strive to challenge my personal understandings of marginalized student populations.

Personal growth as an equity-focused educator has been nurtured through the following experiences.

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| ▪ ELL Teaching Assistant (Math), Greenwood Secondary School (TDSB) | May 2018; 4 weeks |
| ▪ Teaching Assistant (Science), Triangle Program (OASIS, TDSB) | Apr 2018; 4 weeks |
| ▪ Section 23 Math Teacher (Covenant House Homeless Youth Shelter, TCDSB) | Nov 2017; 4 weeks |
| ▪ Head Counsellor, Camp Kodiak Residential Summer Camp (McKellar, ON)
For youth with ADHD, autism and/or learning disabilities | July 2017; 8 weeks |
| ▪ Teaching Assistant (Math), Westview Centennial Secondary School (TDSB) | May 2017; 5 weeks |
| ▪ Inner-City High School Tutor, Pathways to Education (Ottawa, ON) | Jan 2013 – June 2016 |

EQUITY-BASED EDUCATION RESEARCH (BACHELOR OF EDUCATION PROGRAM)

- ***"Defining Appropriate Responses to Homelessness"*** (Major Research Review Paper)
- ***"He Shoots, She Scores: Transgender Individuals in Sport"*** (Review Paper & Short Story Narrative)
- ***"Understanding Islam: Integration and Inclusion of Syrian Refugees in the Canadian Classroom"***
(Community Interviews, Research Review and Presentation)
- ***"Addressing the Gender Gap in Math Classrooms: Effects and Triggers of Female Stereotype Threat"*** (Research Review Paper)
- ***"Inclusive and Equitable Assessment in Ontario Classrooms"*** (Research Review Paper)

REFERENCES

Mr. Anthony Vandyke -- Principal
Western Technical-Commercial School
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Mr. Mark Varvas -- Vice Principal
Woburn Collegiate Institute
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