

# Matthew Minh Triet Ngo

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## EDUCATION

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### **Doctor of Philosophy in Educational Studies Student**

St. Francis Xavier University

**July 2023—Present**

Antigonish, Nova Scotia

- *Dissertation Working Title:* “Exploring the Ideology of Success for Black Nova Scotian Learners in High School Physics.”
- *Advisor:* Dr. David Young
- *Committee:* Dr. Wendy Mackey and Dr. Patricia Gouthro
- I have fully completed GEDU 9001, 9002, 9003, 9004 and 9005 with an ‘A’ average.
- I have successfully completed my comprehensive portfolio examination on November 25, 2024 with Dr. Mary Jane Harkins as my external reviewer.

### **Non-Degree Master of Education Student**

St. Francis Xavier University

**July 2018—June 2023**

Antigonish, Nova Scotia

- *Master of Education Title:* “A Teacher’s Autoethnography of Grit and Student Success in a High School Physics Classroom.”
- *Advisor:* Dr. David Young
- *Committee:* Dr. Joanne Tompkins, Dr. Lori McKee and Dr. Thomas Ryan
- The thesis was successfully defended on June 1, 2023.

### **Master of Education: Educational Leadership & Policy**

St. Francis Xavier University

**July 2014—May 2017**

Antigonish, Nova Scotia

### **Master of Education: Curriculum & Instruction**

St. Francis Xavier University

**July 2011—May 2014**

Antigonish, Nova Scotia

### **Bachelor of Education: Secondary Education Program**

St. Francis Xavier University

**Sept. 2007—Apr. 2009**

Antigonish, Nova Scotia

I was nominated and chosen by the School of Education for the Elizabeth MacKasey Memorial Award. This award was for excellence in teaching, leadership, and professionalism.

### **Bachelor of Science: Double Major in Physics & Mathematics**

Dalhousie University

**Sept. 2002—Apr. 2007**

Halifax, Nova Scotia

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## TEACHING EXPERIENCE

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### Master of Education Part-Time Instructor

St. Francis Xavier University

July 2024

Antigonish, Nova Scotia

- I was employed as a Part-Time Instructor for the Online Learning and Professional Studies program.
- *Course Title:* “Social Media Technology in Education.”
- I showcased online technologies which promote, cultivate, facilitate and enhance education through digital learning environments. While the course delved into many positive aspects that may come from such digital innovations, there are problematizations which were explored (e.g., legal, health, socioeconomic, digital citizenship, to name a few).
- I promoted the use of student reflection and reflexivity as an overarching goal for educator-centric growth.
- Colleagues in my course had the agency to navigate their learning and growth as I took the facilitator role.
- Based on course evaluations, I received very favourable feedback from students on my course.

### Secondary School Science and Mathematics Teacher

Halifax Regional Centre for Education

May 2009—Present

Halifax, Nova Scotia

- Primarily taught physics and mathematics for upper-secondary school—specifically grades 11 and 12.
- Presently teaching in the International Baccalaureate (IB) program for physics.
- My goal is to ensure all students have the most equitable access and opportunities for success in physics.
- I currently represent Citadel High School’s Science Department for the PASCO sensor technology.
- In 2024, I worked alongside our ANS support worker to take students to StFX’s Black Day of Excellence.
- To date, I have mentored seventy-two students on their IB internal assessment research for physics.
- To date, I have mentored two students on their IB extended essay.
- To date, I have mentored eight Bachelor of Education student-teachers and several early-career teachers.
- Undertook a self-initiated leadership role by utilizing collaborative (team) teaching.
- Provided in-school workshops for teachers and staff at Citadel High School.
- Collaborated with an educational leader within the Educational Leadership Consortium of Nova Scotia.
- Was involved as a member of Duncan MacMillan High School’s program planning team.
- Received an Article 60 grant to attend the 2024 Canadian Society for the Study of Education Conference.

## RELATED EXPERIENCE

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### Research Assistant

St. Francis Xavier University

Aug. 2023—Nov. 2023

Antigonish, Nova Scotia

- I worked under the mentorship of Dr. Lace Marie Brogden, Dean of Education.
- I utilized grounded theory to sort, interpret, categorize and analyze compiled data for StFX’s Faculty of Education Strategic 2023-2028 plan.
- Using this process, I developed themes and meanings that emerged from the data obtained.

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### **Making Waves: Stories of 2<sup>nd</sup> Generation Immigrants Participant**

Immigrant Services Association of Nova Scotia (ISANS)

**Jan. 2019**

Halifax, Nova Scotia

- I was one of twenty-five people involved with ISANS on documenting stories of 2<sup>nd</sup> generation immigrants.
- The book contained narrative stories of many prominent Nova Scotians.
- My involvement with this project was purely voluntary and out of self-interest to support immigration.

### **Vice-President of Internal Affairs (Elected Position)**

Vietnamese Association of Nova Scotia

**July 2012—Dec. 2013**

Halifax, Nova Scotia

- Helped both immigrant and international students transitioning to Canadian society.
- Managed and ensured consistent monthly board meetings and produced reports for the constituency.
- Attended several conferences with other Vietnamese associations in Montreal, Vancouver, and Calgary.
- Maintained communication with other Vietnamese associations to familiarize with regional issues.

### **Curriculum Writer**

St. Francis Xavier University

**Nov. 2008—May 2009**

Antigonish, Nova Scotia

- I was recruited by Dr. Andrew Foran to work with him on curriculum writing projects.
- I co-published several active transportation guides for the Ecology Action Centre's Making Tracks program.
- I co-published a weather supplementary chapter for "Quality Lesson Plans for Outdoor Education."

### **Special Needs Day Camp Counselor**

YMCA of Greater Halifax and Dartmouth

**June 2008—Aug. 2008**

Halifax, Nova Scotia

- I taught children with exceptionalities including autism, cerebral palsy, and Down's syndrome.
- I facilitated appropriate planning activities which enriched the lives of the children's social experience.
- I also familiarized myself with the learning needs of each child to develop appropriate planning.

## **CONFERENCE PRESENTATIONS**

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### **Presenter at Association of Science Teachers Conference**

Nova Scotia Teachers Union

**Oct. 2024**

Halifax, Nova Scotia

- *Presentation Title:* "Engaging 21<sup>st</sup> Century Learners using Digital & Physical Technologies."
- In light of Nova Scotia's SmartPhone ban in public education, I showcased several technologies to support educators and administrators in engaging a diverse range of classroom learners at all grade levels.

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### **Educational Research Forum**

St. Francis Xavier University

**July 2024**

Antigonish, Nova Scotia

- *Presentation Title:* “Exploring the Ideology of Success for Black Nova Scotian Students in High School Science.”
- Provided attendees with an early overview of my literature review related to this topic and how it is an extension of my Master-level thesis.

### **Roundtable Presenter**

Canadian Society for the Study of Education (CSSE)

**June 2024**

Montreal, Quebec

- *Presentation Title:* “A Teacher’s Autoethnography of Grit and Student Success in a High School Physics Classroom.”
- I will be networking with other educational scholars to cultivate inter-disciplinary relationships.
- I will be attending a multitude of workshops to gain professional development around the education of diverse learners (e.g., Black, Indigenous and People of Colour) in science classrooms. That way, I can use such learning to alter my pedagogical practices to cultivate the best conditions for all learners in my present and future classrooms.

### **Presenter at Association of Science Teachers Conference**

Nova Scotia Teachers Union

**Oct. 2023**

Halifax, Nova Scotia

- *Presentation Title:* “Engaging 21<sup>st</sup> Century Learners using Plickers, Podcasts, and PASCO Sensors.”
- I provided tools to support the engagement of diverse learners in all grade levels.

### **Educational Research Forum**

St. Francis Xavier University

**July 2023**

Antigonish, Nova Scotia

- *Presentation Title:* “A Teacher’s Autoethnography of Grit and Student Success in a High School Physics Classroom.”
- Provided attendees with information regarding the findings and implications of the research.
- Answered research questions for beginning educational researchers.

### **Presenter at Association of Science Teachers Conference**

Nova Scotia Teachers Union

**Oct. 2022**

Halifax, Nova Scotia

- *Presentation Title:* “Developing a Cohesive Online and In School Education Experience.”
- I provided a holistic approach to education by providing teachers with tools to foster inclusive education.

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## Presenter at Association of Science Teachers Conference

Nova Scotia Teachers Union

Oct. 2021

Halifax, Nova Scotia

- *Presentation Title:* “Developing a Cohesive Online Education Experience.”
- I demonstrated technology to help enhance classroom learning experiences in-light of pandemic education.

## Educational Research Forum

St. Francis Xavier University

July 2021

Antigonish, Nova Scotia

- *Presentation Title:* “A Teacher’s Autoethnography of Grit and Student Success in a High School Physics Classroom.”
- Provided attendees with information from the existing body of research and early research findings.
- Received useful insight and feedback which was helpful in aiding in the completion of the thesis.

## PUBLICATIONS

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### In Education Journal Periodical

University of Regina

Sept. 2023

Regina, Saskatchewan

- Submitted manuscript for “A Teacher’s Perspective of Grit and Student Success in a High School Physics Classroom.”
- Due to delays with the changes in leadership within *In Education*, feedback was not received until June of 2024. As of November 2024, the periodical is fully released for the Autumn 2024 edition.

## PROFESSIONAL ASSOCIATIONS

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### Canadian Society for the Study of Education (CSSE)

Aug. 2023—Present

Ottawa, Ontario

## AWARDS AND RECOGNITIONS

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### St. Francis Xavier University

PhD in Educational Studies

July 2023—Present

Antigonish, Nova Scotia

- I received a Faculty of Education Study Award (\$7,500) for Year 1 of my PhD studies.
- I also received a Faculty of Education Travel Award (\$1,500) to attend the 2024 Canadian Society for the Study of Education (CSSE).

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**Nova Scotia Teachers Union (NSTU)**

**March 2024**

Halifax, Nova Scotia

- I received an education research award (\$500) for my dissertation, “Exploring the Ideology of Success for Black and African Nova Scotian Learners in High School Sciences.”
- I also received a conference pre-approval grant (\$500) from the Halifax City Local to attend the 2024 Canadian Society for the Study of Education (CSSE).
- As part of knowledge mobilization efforts with the NSTU, I received a separate certificate of recognition for advancing public education through research by contributing my thesis, “A Teacher’s Autoethnography of Grit and Student Success in a High School Physics Classroom.”

### REFERENCES

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**Dr. Lace Marie Brogden**

St. Francis Xavier University

**Dean of Education**

Antigonish, Nova Scotia

Work: (902) 867-3643 ♦ Email: lbrogden@stfx.ca

**Mr. Stephen Gosse**

Halifax Regional Centre for Education

**Semi-Retired Former Science Department Head of Citadel High School**

Halifax, Nova Scotia

Work: (902) 491-4444 ext. 1212 ♦ Email: sgosse@hrce.ca

**Dr. Wendy Mackey**

St. Francis Xavier University

**Associate Professor**

Antigonish, Nova Scotia

Work: (902) 867-5406 ♦ Email: wmackey@stfx.ca

**Dr. David Young**

St. Francis Xavier University

**Professor, Teacher Education, Curriculum and Leadership**

Antigonish, Nova Scotia

Work: (902) 867-2215 ♦ Email: dyoung@stfx.ca