

Artifact Narrative Form – Last Updated April 16, 2024

Description of Artifact and Item Code – T4A2 Facilitating Science Educational Workshops and Knowledge Mobilization Efforts with the Nova Scotia Teachers Union (NSTU)	Competency Area Professional and Collegial Competencies
Competency Area Outcomes [Broader Competency] <ul style="list-style-type: none">▪ To help prepare students for active professional engagement, they will demonstrate a range of professional competencies. [Specific] <ul style="list-style-type: none">▪ Evidence of significant support to professional organization	
Statement on how the artifact meets the five competency areas; is it individual or multiauthored? My most recent contributions to the Nova Scotia Teachers Union (NSTU) have been through my involvement with the Association of Science Teachers (AST). Every year, during the provincial professional development day, I use the opportunity to engage with my fellow colleagues on many pedagogical practices that are intended to cultivate student success. Because I am cognizant of the audience and venue I am situated at, I avoid using technical scholarly language which tends to appear at university conferences. As a result, I use the professional development session as the context to facilitate and embed some of my research findings to the overall theme of the session. For example, during my Master-thesis, I researched and provided findings related to grit and aspects tied to student success. Therefore, the intentions of the last three AST sessions were to provide educators with actionable strategies to foster and sustain achievement. Because AST caters to all grade levels, I made sure to provide appropriate materials to help engage learners of all ages and all abilities.	
Doctoral Student Outcome(s) Met <ul style="list-style-type: none">• (A): Leadership through successful guidance and mentoring of co-workers and co-learners and do so by articulating an empowering vision and helping others reach their full potential (transformative leadership instead of transactional leadership).• (A): Contributions to society through active citizenship engagement (local, national and global) thereby respecting the link between research and civic and social responsibilities.• (S): Communicate effectively, concisely and correctly in written, spoken and visual forms to a variety of audiences using a variety of media.• (S): Employ interpersonal skills with advisors and fellow colleagues through one-on-one as well as network relationships, at the university and wider community.• (S): Translate research into knowledge that is understandable to non-specialists so as to bring the highest benefits to society.	Program Objective(s) Met N/A

Reflective statement about the process and how the item addresses the students' research and/or professional development goals.

For years, I wanted to have an opportunity to give back to the profession. Therefore, I took my invitation to speak at AST seriously and used it as a platform to help support other colleagues. In addition to my participation with the AST, in early 2024, I was also involved with the NSTU's Research Repository. According to the NSTU project leader, the NSTU wanted to showcase scholarly theses and dissertations conducted by its members. Through this involvement, I learned that I would be the first contributor to this knowledge mobilization (KMb) effort. Consequently, I wanted to be involved in not only showcase locally conducted research. But I also wanted to use this platform to give back to my local professional community.

References

N/A