

Tyler Schulz

10008 Simkin Place, Sidney, BC, V8L 3N4

Email: tschulz at uvic.ca

EDUCATION

- | | | |
|----------------|--|---|
| 2017 - 2021 | | University of Victoria , BSc Honours Mathematics w/ Minor in Physics |
| 2021 - Present | | University of Victoria , MSc Mathematics |

PUBLICATIONS AND REPORTS

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| 2020 | | Nathaniel Butler, Heath Emerson, Tyler Schulz, Dirac-Schrodinger operators and the irrational torus |
| 2021 | | Marcelo Laca, Tyler Schulz, Supercritical phase transition on a right Toeplitz algebra |

PRESENTATIONS

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| 2020 | | Complex geometry as a gateway to index theory in the UNDERGRADUATE MATH SEMINAR, hosted by the UNIVERSITY OF VICTORIA |
| 2020 | | A Spectral Triple for Flows and the Residue Index Theorem in the GRADUATE OPERATOR ALGEBRAS SEMINAR, hosted by the UNIVERSITY OF VICTORIA |
| 2019 | | Dirac-Schrödinger operators and Bott periodicity, parts I, III, and V in the GRADUATE NONCOMMUTATIVE GEOMETRY SEMINAR, hosted by the UNIVERSITY OF VICTORIA |
| 2019 | | The Serre-Swan Theorem in the UNDERGRADUATE MATH SEMINAR, hosted by the UNIVERSITY OF VICTORIA |
| 2019 | | Basic Enumerative Geometry I and II in the UNDERGRADUATE MATH SEMINAR, hosted by the UNIVERSITY OF VICTORIA |
| 2018 | | Curves with Area in \mathbb{R}^2 in the SUMS SUMMER MINI-CONFERENCE, hosted by the UNIVERSITY OF VICTORIA |

AWARDS AND RECOGNITIONS

(**2021**) Alexander Graham Bell Canada Graduate Scholarship - Masters' Award | UVic President's Research Scholarship | Faculty of Science Dean's List | (**2020**) Undergraduate Student Research Award | Marvin Shinbrot Memorial Scholarship | UVic President's Scholarship | (**2019**) Faculty of Science Dean's List | Frank and Margaret Gibbs Scholarship | Lothar Hermann Redlin Memorial Scholarship | Marvin Shinbrot Memorial Scholarship | Undergraduate Student Research Award | UVic President's Scholarship | (**2018**) Faculty of Science Dean's List | UVic President's Scholarship | (**2017**) UVic Entrance Scholarship

TEACHING EXPERIENCE

2021 - 2022	Teaching Assistant Consultant at the UNIVERSITY OF VICTORIA
2020 - 2021	Marker at the UNIVERSITY OF VICTORIA for MATH 211, MATH 311, MATH 465
2019 - 2021	Tutorial Instructor at the UNIVERSITY OF VICTORIA for MATH 100, MATH 101
2019 - 2021	Assistance Center Tutor at the UNIVERSITY OF VICTORIA

EVENT COORDINATION

2020	Undergraduate Math Seminar , ORGANISER
2019	Undergraduate Math Seminar , ORGANISER
2019	Pi Day Math Competition , CO-ORGANISER
2018	SUMS Summer Mini-Conference , CO-ORGANISER

VOLUNTEERING AND COMMUNITY ENGAGEMENT

2018 - 2021	Students in Undergraduate Math and Stats Course Union (SUMS) , VICE-PRESIDENT (2018), PRESIDENT (2019/20/21)
2020 - 2021	Math and Stats Space Committee , UNDERGRADUATE REPRESENTATIVE
2017	MathMania , VOLUNTEER
2017	Let's Talk Science Outreach , VOLUNTEER

REFERENCES

PROFESSOR MARCELO LACA
UNIVERSITY OF VICTORIA

Research Supervisor
Office: DTB A548
3800 Finnerty Rd, Victoria, BC
laca at uvic.ca
(250) 721 7467

PROFESSOR JANE BUTTERFIELD
UNIVERSITY OF VICTORIA

Teaching Supervisor
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