

Maxwell A. Fine

LinkedIn : <https://www.linkedin.com/in/maxwell-fine>

Email : maxwell.fine@mail.utoronto.ca

Github : <https://github.com/afinemax>

website : <https://afinemax.github.io/afinemax1/>

EDUCATION	University Of Toronto , Canada <i>Honors Bachelor of Science</i> , Specialist Physics and Astrophysics Expected May, 2023	
RESEARCH EXPERIENCE	Summer Undergraduate Research Program (SURP) Supervisor: Dr. Ziggy Pleunis & Dr. Paul Scholz Title: Searching for and placing limits on the gamma-ray emission from CHIME/FRBs using Swift/BAT GUANO	Summer 2022
	PHYD01: Thesis Project Supervisor: Dr. Sarah Gossan & Dr. Bryan Gaensler Title: Gravitational waves from magnetar giant flares	Winter 2022
	Summer Undergraduate Research Program (SURP) Supervisor: Dr. Cameron Van Eck & Dr. Bryan Gaensler Title: Developing robust error analysis for radio polarization surveys	Summer 2021
	Summer Undergraduate Research Program (SURP) Supervisor: Dr. Cameron Van Eck Title: Hunting for radio sources in extreme magnetized environments	Summer 2020
AWARDS	<ul style="list-style-type: none">3rd Year John Pounder Prize In AstronomyCanadian Institute for Theoretical Astrophysics: Undergraduate Student Research Award (USRA)UofT DPES Student Excellence and Leadership Award2nd Year John Pounder Prize In Astronomy	Fall 2020 Summer 2021 2019-2020 Fall 2019
TEACHING EXPERIENCE	Teaching Assistant: PHYA10 PHYA10: Introduction to Physics II for the physical Sciences. Facilitated a 2 hour practical session each week for approximately 20 students including working through problems in small groups, working on lab activities and demonstrating key problem solving methods. Managed detailed record of students performance and attendance.	Fall 2021
	Teaching Assistant: PHYA11 & PHYA22 Introduction to Physics for the Life Sciences. Facilitated a 2 hour practical session each week for approximately 20 students including working through problems in small groups, working on lab activities and demonstrating key problem solving methods. Managed detailed record of students performance and attendance.	Fall & Winter 2020-2021
	Facilitated Study Group (FSG) Leader: PHYA10 PHYA10: Introduction to Physics for the Physical Sciences. Facilitated two FSG sessions each week for a total of three hours. Created problem sets for the sessions, and guided students through problems	Fall 2020

Facilitated Study Group (FSG) Leader: PHYA10 & PHYA21 Fall & Winter 2019-2020

Introduction to Physics for the Physical Sciences. Facilitated two FSG sessions each week for a total of three hours. Created problem sets for the sessions, and guided students through problems

Volunteer and Outreach

Scarborough Campus Students Union (SCSU): Director for the Department of Physics & Environmental Sciences 2021-2022

EPSA: Physics Director 2018-2020

EPSA: Physics Tutor Spring 2018- Current