

Stanford



Matthew McCready

Ph.D. Student in Electrical Engineering, admitted Autumn 2021

Bio

BIO

I am a 1st year PhD Student in Electrical Engineering at Stanford, with a M.Sc in Physics from The University of Western Ontario. I have over 4 years of research experience across various projects in medical and condensed matter physics. My interests focus on the design and development of tools that improve quality of life through the application of physics.

HONORS AND AWARDS

- NSERC Postgraduate Scholarship - Doctoral, Natural Sciences and Engineering Research Council of Canada (2021-2024)
- Alexander Graham Bell Canada Graduate Scholarship - Master's, Natural Sciences and Engineering Research Council of Canada (2020-2021)
- Ontario Graduate Scholarship, Ontario Student Assistance Program (2019-2020)
- Donald R. Hay Prize, University of Western Ontario (2019)
- The Raymond Compton Dearle Gold Medal for Physics, University of Western Ontario (2019)
- S.R. Valluri Scholarship in Mathematical/Theoretical Physics, University of Western Ontario (2018)
- NSERC Undergraduate Student Research Award, Natural Sciences and Engineering Research Council of Canada (2017-2018)

EDUCATION AND CERTIFICATIONS

- M.Sc, University of Western Ontario , Physics (2021)
- B.Sc, University of Western Ontario , Honors Specialization in Physics (2019)

Publications

PUBLICATIONS

- **Redox polymers incorporating pendant 6-oxoverdazyl and nitronyl nitroxide radicals** *JOURNAL OF POLYMER SCIENCE*
Anghel, M., Magnan, F., Catingan, S. D., McCready, M. A., Aawani, E., Wong, V., Singh, D., Fanchini, G., Gilroy, J. B.
2020; 58 (2): 309-319