

## Pierce Maguire, PhD


Science, communications, and research administration professional.


Lead proposal writer and/or project manager for successful or pending funding applications worth >C\$18M (of which C\$14M is non-repayable).


Expertise in materials science/physics, microscopy, experimental design, and scientific/engineering proposals.


Research output: presentations at international conferences and authorship of 22 peer-reviewed scientific articles.


Experience with collaborations and partnerships in non-profit, academic, and private sectors in Canada and Ireland.

 PhD in Physics ([Thesis](#))

 Irish-Canadian Dual Citizen


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 [Google Scholar](#)

 [linkedin.com/in/pierce-maguire/](https://www.linkedin.com/in/pierce-maguire/)

 More, including portfolio, at [piercemaguire.com/resume](http://piercemaguire.com/resume)

## Experience

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SALTWORKS, GREATER VANCOUVER, BC, CANADA 01/2020 – Present  
*Technology Specialist/Marketing Manager From 07/2021 Full-time, permanent*

- **Research development & innovation grants:** Wrote or project-managed successful/pending grant proposals >C\$18M. Responsible for monitoring calls and reporting. List of funders on request.
- **Marketing, business development & writing:** Increased organic traffic by >100% through technical and content improvement. Created articles, web pages, slide decks, press releases, conference abstracts/papers, spec sheets, etc. Presented projects at conferences. Wrote the company's engineering professional practice management plans (PPMP) to meet legal requirements in two provinces.

TRINITY COLLEGE DUBLIN, DUBLIN, IRELAND 10/2017 – 06/2019  
*Post-Doctoral Researcher Full-time, contract*

- **Industry partnership lead researcher:** Customized prototype lasers with Eblana Photonics Ltd. Reached "97%" completion per consortium's final report. Responsibilities included literature review, experiment design, developing novel/automated manufacturing processes, characterization and analysis, knowledge transfer.

ACCESSÉD, DUBLIN, IRELAND 02/2018 – 06/2018  
*PhD Tutor Part-time, contract*

- **Teaching & course design:** Designed and delivered "Measuring and Making on the Nanoscale" course to secondary school students.

MICROSCOPY SOCIETY OF IRELAND 12/2014 – 05/2018  
*Information Officer Part-time, casual*

- **Public relations, communications, cooperation:** Upgraded website, set up and operated social media accounts, implemented Stripe payment system, managed events and campaigns, solicited industry sponsors, answered enquiries, facilitated institutional cooperation including equipment-sharing, project managed refurbishment of microscopes and charitable distribution in Ireland and Kenya.

## Education

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CERTIFICATE 01/2023 – 12/2023  
*Research Administration Mohawk College, ON, Canada*

DOCTORATE 09/2013 – 09/2017  
*Physics Trinity College Dublin, Ireland*

BACHELOR'S 09/2009 – 08/2013  
*Physics & Chemistry of Advanced Materials Trinity College Dublin, Ireland*