

Ri Xu, Ph.D.

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Montreal, QC, Canada

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Summary

- Crafted 30+ CME grants and educational materials, with a strong focus on oncology, including needs assessments across various therapeutic areas.
- Improved document and education quality through feedback and narrative techniques to amplify learner engagement and elevate learner outcomes.
- Carried out frequent documentation reviews for grants/ needs assessments with well-balanced accuracy and conciseness; produced high-quality work employing analytical rigor and unwavering precision, as well as timeline consciousness.

Work Experience

Medical writer

Self-employed, Canada

Sep. 2020 – present

- Crafted and edited 30+ CME grant proposals and educational materials across oncology and diverse therapeutic areas, encompassing needs assessments and white papers; Developed evidence-based CME materials, including infographics, slide decks and web content targeting clinicians and patients.
- Partnered with 10+ organizations, producing 50+ medical deliverables across oncology, immunology, neurology, gastroenterology, dermatology, osteology, rare diseases and medical devices.
- Executed impeccable medical writing deliverables through critical thinking and meticulous attention to detail.
- Operated as a self-starter and team player with a concise yet pertinent communication style; thrived in dynamic and fast-paced virtual work environments.
- Proven ability to manage multiple projects simultaneously; consistently met tight deadlines while maintaining high-quality standards in a fast-paced virtual environment.

Doctorate researcher

Polytechnique Montreal, Canada

May 2015 – Sep. 2020

- Led research projects under pressure; completed 7 research projects, 7 formal presentations, and 5 publications on medical devices within 5.5 years.
- Authored innovative research papers presenting a novel theory, supported by comprehensive analysis (200+ pages). The writing processes include writing, rewriting, illustrating, editing, reviewing, and applying style guides.
- Critically analyzed data for 20+ datasets; Effectively synthesized data for 2 summary reports.
- Peer-reviewed 10+ manuscripts; Documented 3+ standard operation procedures (SOPs); Coached 10+ less experienced personnel.

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- Managed stakeholders and solved problems during review processes: conducted 10+ comment resolutions meetings for publications that successfully led to consensus.
- Mastered scientific illustration: developed 23 new schematics and clarified 80 new concepts for medical devices.

Graduate researcher

East China Normal University, China

Sep 2011 – Dec 2014

- Managed research project and completed 3 manuscript writing; edited 7 manuscripts.
- Executed two major review processes.
- Interpreted 30+ scientific articles for 10 presentations.
- Advised 3 junior staff for scientific research and writing in English.

Research assistant

Tongji University, China

Sep 2010 – May 2011

Shanghai Institute of Ceramics, China

July 2008 – Aug 2008

- Edited, translated 5 manuscripts and presented 3 times on the topics of medical devices.

Education

Ph.D., Engineering Physics, Polytechnique Montreal, Montreal, Canada	2015 - 2020
M.Sc., Material Engineering, East China Normal University, Shanghai, China	2011 - 2014
B.Sc., Chemistry, Tongji University, Shanghai, China	2007 - 2011

Skills and languages

Stakeholder management	Critical thinking	Oncology	Client-facing
Scientific written and oral communication	Patient education	Editing	English (Proficient)
Medical devices	Diabetes	Writing for lay audiences	Chinese (Native)
Time management	Comment resolutions	Establishing work practices	Attention to detail

Honors & Awards

- Lecture Award: Materials Research Society.

Affiliations and Hobbies

- American Medical Writers Association (AMWA).
- Medical Writing Organization (MWO) – Cheeky Scientist Association (CSA).
- Biking, painting, and dancing.

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Publications (8) and Conference proceedings (4)

Please consult <https://www.xurimedical.com/scientific-publications>.