

EDLYN WU

Molecular Biologist.
Science Communications
Manager/Specialist.




PROFILE

Strong interest in communicating and promoting innovative research and advancing quality of life.

Molecular biologist with 15+ years life science research and development experience, with a portfolio of science communication projects in cross-functional teams.

CONTACT

 edlynwu@gmail.com

 edlynwu.wixsite.com/portfolio

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Canadian // Swiss "B" Permit

LANGUAGES

English (native)
French (near-native)
Cantonese (near-native)
German (B1)
Spanish (B1)

INTERESTS

Traveling (over 20 European countries visited since moving to Europe in 2017)
Tennis, Snowboarding
Scientific illustrations, Arts & crafts

References available upon request

PROFESSIONAL EXPERIENCE

Center for Integrative Genomics, University of Lausanne, Lausanne, Switzerland

Senior researcher and Science communicator

01/2021-present

- Managed interdisciplinary research projects: designed experiments; collected data solo and in collaboration with team members; interpreted data; presented organized outcomes at internal meetings and at 10+ local and international conferences (posters, talks)
- Reviewed, proofread, and provided feedback on written reports, theses, manuscripts for publications generated by research team; evaluated grant applications for funding agencies and manuscripts under peer-review for journals through report writing with supervisor.
- Supported the research team in science communication activities to disseminate research output and community engagement, increase research visibility, and attract talent through implementing an omnichannel strategy using website (blog-writing, photography), Twitter/X, and print media. Also provided illustrations and contributed to figure and data visualization for grants and publications.
- Proactively engaged with research team organization and development: managed team databases, calendars, and protocols; strategized, planned, and coordinated the team retreat to create a scientific and social program that focused on communication, team-bonding, and promoting green strategies in the research environment.
- Provided leadership, technical support, counselling, and mentorship to over 15 trainees.

Teaching assistant

12/2021-12/2022

- Presented cellular and molecular biology theory, common laboratory techniques, safety regulations and practices to first-year Bachelor students, supervised and engaged students in applying theoretical knowledge in practicum.

Max Planck Institute for Molecular Cell Biology and Genetics, Dresden, Germany

Postdoctoral researcher and Science communicator

01/2017-12/2020

- Strategized, developed, and led a molecular biology project in zebrafish focusing on gene regulation in early animal development: wrote grants & acquired \$100,000CDN for 3 years; established collaborations, presented results at internal, local, and international meetings.
- Wrote and published a book chapter to bridge the interdisciplinary research and literature on early embryo development and to communicate future perspectives.
- Led the direct training and mentoring of 2 Master students: planned and managed projects; transferred knowledge; provided feedback on report writing and presentations.
- Co-organized a 3-day postdoc retreat: planned the scientific and social program for 50 participants (43 postdoctoral researchers, 7 invited speakers) to promote the exchange of ideas, communicate scientific findings and technological advancements, and to build a strong network of scientists within the organization.
- Planned and coordinated the visits of external KOLs for the institute's seminar series: liaised between researchers to identify candidates, corresponded with speakers for invitations and scientific program coordination, and hosted speakers during their visits.

Public relations intern

06/2018-12/2020

- Communicated research activities for internal and external audiences: wrote and translated emerging complex science and technology topics into concise and engaging narratives for press releases; liaised with KOL-PR team-the public; produced articles and artwork for internal newsletters.
- Collaborated with the Media and Technology Outreach team on planning Dresden's largest science outreach events (1000+ visitors), engaged the public in educational activities and led guided tours to the fish facility.

Goodman Cancer Institute, McGill University, Montreal, Canada

Doctoral researcher

01/2010-11/2016

- Managed cross-functional projects with internal and external collaborators, which led to 4 publications; presented projects at 10+ local and international conferences (posters, talks).
- Wrote grant applications and secured 3 fellowships from internal and external funding agencies (\$100,000CDN)

EDUCATION

PhD in Experimental Medicine, McGill University, Montreal, Canada

01/2010-11/2016

Graduate Certificate in Business Administration,

Concordia University' John Molson School of Business, Montreal, Canada

09/2012-12/2016

MSc in Experimental Medicine, McGill University, Montreal, Canada

09/2007-12/2009

BSc Honours in Biochemistry, McGill University, Montreal, Canada

09/2004-06/2007