

PIERRETTE LO, MS

I'm a scientist, communicator, and project manager with a passion for helping people work together and share their research. In the past 3 years, I've turned my focus on data, learning R, Markdown, Shiny, SQL, Git, and other tools that make data visualization and reporting more reproducible and collaborative.

I'm looking for a position where I can build tools that help my team explore and share their data, while continuing to grow my programming skills.

EDUCATION

- 2002 • **MS, Biochemistry & Molecular Biology**
University of Texas Health Science Center at Houston (UTHealth)
📍 Houston, TX
- 1999 • **BSc(Hon), Cellular, Molecular & Microbial Biology**
University of Calgary
📍 Calgary, AB

EXPERIENCE

- current | 2019 • **Data & Collaborations Project Manager, Druker Lab**
OHSU Knight Cancer Institute
📍 Portland, OR
 - Serves as project manager for our lab's industry research partnerships, with additional data science-related responsibilities
 - Uses R, SQL, and other tools to improve reporting and visualization of our large clinical/functional/genomic datasets
 - Develops and implements standards and best practices for reproducible research (data organization, metadata, documentation, etc.)
 - Assists colleagues in learning R and other open-science tools, and builds a community of practice for collaborative learning
- 2019 | 2013 • **Alliance Manager, Brian Druker Lab**
OHSU Knight Cancer Institute
📍 Portland, OR
 - Manages industry and academic collaborations for Beat AML, a multi-institutional effort to build and analyze large datasets for leukemia research and translate the findings into precision medicine clinical trials
 - Writes and edits project reports, grant proposals, slide decks, manuscripts, and other communications
- 2018 | 2017 • **Data Science Intern**
Recentia Health
📍 Portland, OR
 - Part-time internship working on clinical data science projects at a healthcare informatics startup
 - Obtained first experience with many topics, including data wrangling (sed/awk, SQL), data analysis (R), network analysis (Neo4j), and working with health records data (parsing XML, NLP)

CONTACT

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🔗 github.com/lopierra
🔗 lopierra.rbind.io
in linkedin.com/in/pierrettelo/

SKILLS

📊 **Programming:** R, tidyverse, ggplot, Rmarkdown, Shiny, SQL, Git
✉ **Communications:** Scientific writing & editing, data visualization & reporting
🔧 **Project Management:** Coordinating teams, organizing data & metadata, building communities

This resume was made with R using the `{pagedown}` and `{datadrivencv}` packages.

Source code is available at github.com/lopierra/resume.

Last updated on 2020-10-10.

2013
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2010

● **Sr. Manager, Medical Writing/Medical Affairs**
Imedex, LLC  Remote (HQ in Alpharetta, GA)

- Wrote educational needs assessments, developed medical/scientific content, and managed the production of live and online continuing medical education programs, with a focus on oncology/hematology

2010
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2002

● **Scientific Writer/Editor**
Various

- Scientific Grant Writer, Texas Heart Institute (2007-2008)
- Associate Scientific Editor, MD Anderson Cancer Center (2004-2007)
- Copy Editor, Nature Medicine (2002-2004)
- AAAS Science & Engineering Mass Media Fellowship at NBC-TV (2002)



ACCOMPLISHMENTS AND AWARDS

2019

● **Spirit of the Knight Award**
OHSU Knight Cancer Institute

- Peer-nominated award recognizing individuals for exceptional embodiment of the Knight Cancer Institute's guiding principles (in my case, *Working as a Connected Team*)

2018

● **BMI 569: Health Data Analytics**

OHSU Dept. of Medical Informatics & Clinical Epidemiology

- Completed this graduate-level course that explored the role of data analytics in healthcare organizations through lectures, discussions, and a hands-on data analysis project using R and SQL.



SELECTED PUBLICATIONS AND PRESENTATIONS

● **Functional genomic landscape of acute myeloid leukaemia¹**

- Tyner et al., Nature 2018;562:526-31
- Public release of our Beat AML multi-omic dataset – the largest of its kind for acute myeloid leukemia

2018

● **Lightning Talk**

Cascadia R Conference 2018

- My entry⁴ in the cRaggy graphics show & tell was selected for a lightning talk by participant voting

Examples of my work are available on my website¹ or GitHub², or upon request.



LINKS

1: <https://lopierra.rbind.io/>

2: <https://github.com/lopierra>

3: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6280667/>

4: <https://github.com/lopierra/biketown>