



LOUISE PAY, PH.D.

WRITER AND EDITOR

CONTACT



+1 (317) 763-0145



L@LPEditor.com



LPEditor.com



1826 E 67th St. Indianapolis,
IN 46220

EDUCATION

Ph.D., Genetics

IU School of Medicine
Indianapolis, IN
2011-2017

BSc., Biomedical Sciences

Edinburgh Napier University
Edinburgh, Scotland
2007-2011

ADDITIONAL SKILLS

- Macro creation (Visual Basic)
- Design (Adobe, Canva, Figma)
- Teamwork
- Communication
- AP/APA/MLA/Chicago style
- Data analysis
- Resilience
- Leadership

ABOUT ME

I am a professional writer and editor with extensive experience in the scientific/medical areas covering numerous document types, topics and fields. I have a strong eye for detail and a passion for clear communication. My academic training and research background have equipped me with transferrable skills applicable outside of the university setting and an ability to learn in a fast-paced environment.

RELEVANT EXPERIENCE

Scientific/Medical Writer & Editor

Stark Neurosciences Research Institute

Dec 2019 - Oct 2023

- Responsible for writing an NIH T32 grant, which was funded.
- Writing scientific articles and technical reports from raw data.
- Editing scientific articles, internal documentation, and posters.
- Designing posters, brochures, and more using Adobe applications.

Writer/Editor

Freelance/Independent Contractor

May 2020 - Present

- Scientific/medical writing and editing on a freelance basis and for organizations, including Accdon and Cambridge Proofreading, LLC.

Contract Grants Consultant

IU Simon Comprehensive Cancer Center

July 2023 - September 2023

- Assisting with comprehensive status renewal application.

Academic Editor

Research Square/American Journal Experts (Part-Time)

Feb 2021 - Oct 2023

- English language editing/copyediting research articles predominantly written by ESL researchers in the biomedical sciences and business/humanities fields.
- Reviewing grant applications.
- Copywriting (blog posts)

Contract Technical/Medical Writer

Cytiva

Nov 2020 - Feb 2021

- Technical/Medical Writer, Contract (Cytiva)
- Writing protocol documents for equipment and experiments.

■ ADDITIONAL EXPERIENCE

Secretary/Vice President (non-profit)

Winter Club of Indianapolis Board of Directors

Jun 2018 - Jun 2020 (Secretary)

Jun 2020 - Jun 2022 (Vice President)

- Website design and management, communications, social media, team leadership, event coordination, and fundraising.

Postdoctoral Researcher

IU School of Medicine

Jul 2017 - Dec 2019

- Nephrology, DNA repair, and cancer research studies.

Tutor (Medical School)

Edinburgh University

2010 - Oct 2011

- Facilitating case-based learning sessions for first-year medical students.

Research Assistant

Edinburgh Napier University

2007 - Oct 2010

- Materials science and microbiology research studies.

■ SELECT PUBLICATIONS

Starcher CL, Pay SL, et al. Targeting Base Excision Repair in Cancer: NQO1-Bioactivatable Drugs Improve Tumor Selectivity and Reduce Treatment Toxicity Through Radiosensitization of Human Cancer. *Front Oncol.* 2020 Aug 19;10:1575. doi: 10.3389/fonc.2020.01575.

Uchida M, Maier B, Waghwan HK, Selivanovitch E, Pay SL, et al.. The archaeal Dps nanocage targets kidney proximal tubules via glomerular filtration. *J Clin Invest.* 2019 Sep 3;129(9):3941-3951. doi: 10.1172/JCI127511.

Pay SL, et a., E. Improving the Transduction of Bone Marrow-Derived Cells with an Integrase-Defective Lentiviral Vector. *Hum Gene Ther Methods.* 2018 Feb;29(1):44-59. doi: 10.1089/hgtb.2017.082.

■ EDITING/WRITING AREAS OF EXPERTISE (SAMPLES ON REQUEST):

Animal Models, Biomedical Sciences, Cancer Biology, Cancer Therapeutics, Case Studies, Cell & Tissue Engineering, Cell Biology, Classical Studies, Clinical Trial Reports, Cytogenetics, Developmental Biology, Drug Delivery, Drug Design, Drug Development, English Language, English Literature, Epigenetics, Ethics, Gastroenterology, Gene Therapy, Genetics, General Surgery, Gender Studies, Hematology, Hepatology, History, Hospitality & Tourism, Immunology, Linguistics, Marketing, Matrix Biology, Medical Ethics, Microbiology, Nephrology, Neurosciences, Ophthalmology, Oncology, Orthopedics, Omics Studies, Pathology, Personalized Medicine, Philosophy, Plant Biology, Pulmonology, Psychology, Religious Studies, Sociology, Stem Cells, Traditional Chinese Medicine, Virology, Viral Vectors, Women's Studies. Document types: Research articles, grants, technical reports, case studies, clinical trial reports, posters, internal memos, advertisements, brochures, infographics etc.

■ REFERENCES

Dr. Gary Landreth

Email: glandret@iu.edu

Dr. Karmen Yoder

Email: kkyoder@iu.edu

Dr. Paula Monje

Email: pmonje@uky.edu

Dr. Jonny Rhein

Email: jonnyrhein@gmail.com

■ DEI STATEMENT

Dedicated to fostering an inclusive and equitable professional environment and embracing and respecting diversity in all its forms. I believe in creating spaces where all individuals are valued, heard, and feel empowered to contribute.

Stark Neuroscience Research Institute

2022-2023

Women in Neuroscience Committee
Member: Attending and coordinating events; coordinating and reviewing Women in Neuroscience grant applications

■ SERVICE/TEACHING

IU School of Medicine

2013-2017

Mentor: Teaching summer students and undergraduates in the laboratory.

Student Representative: Attending faculty meetings, organizing events, coordinating a student journal club, promoting student networking, meeting with representatives from all departments to discuss student issues, and reviewing student travel grant applications.

Careers Event Coordinator: Organizing speakers, venue, and program for a careers event for graduate students and postdocs.