



HOPE HENDERSON, PHD

SCIENTIST & WRITER

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619-381-5977 

Berkeley, CA 

hoperhenderson.com 

/hoperhenderson 

SKILLS

Scientific expertise
Content production
Writing
Editing
Interviewing
Research
Confidentiality
Accountability
Collaboration
Social media

EDUCATION

DOCTOR OF PHILOSOPHY
UC Berkeley
Molecular & Cell Biology,
Focus in Genetics

**GRADUATE RESEARCH
FELLOWSHIP**
National Science
Foundation

BACHELOR OF ARTS
Brown University
Human Biology

PROFESSIONAL PROFILE

I am a PhD scientist and science writer skilled in content creation for technical and lay audiences.

EXPERIENCE

CONTENT STRATEGIST, Innovative Genomics Institute, January 2019-present

Co-develop content strategy & create engaging, public-facing content

- Write & edit materials for lay audiences, including news stories, interviews, video scripts, development & branding materials
- Write & edit content for scientific audiences, including research papers, position statements, and proposals
- Create social media content & manage accounts
- Conceptualize illustrations; manage & mentor illustrators
- Manage work-study students, guest writers, and translators

FREELANCE SCIENCE & COPY WRITER

2020-2022

- Wrote web copy & blog posts for lay audiences
- Synthesized scientific data and wrote white paper on clinical development for a genetic disease
- Wrote scientist profile feature for magazine

FOUNDER & ORGANIZER, Innovative Genomics Institute Diversity, Equity & Inclusion Committee, July 2020-present

Create a strategic plan for DEI at IGI

- Created & distributed the IGI's first demographics & climate survey
- Wrote a strategic plan for DEI, with emphasis on recruitment, career development, and community-building
- Currently developing an undergraduate research program for students from minoritized groups

GRADUATE STUDENT INSTRUCTOR, UC BERKELEY 2014

Co-teach advanced undergraduate genetics courses

- Designed & delivered original lectures
- Co-wrote student lab manual
- Taught students one-on-one in office hours

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SCIENCE RESEARCH EXPERIENCES, 2004-2019

Design & execute original research

- Experience in genetics, human genetic diseases, epigenetics, cell and organelle biology, molecular biology, biochemistry
- Worked in laboratories at Brown University, Harvard Medical School, The La Jolla Institute for Immunology, the Salk Institute & UC Berkeley
- Co-author on seven original research papers

RESEARCH ASSISTANT, THE CENTER FOR BIOETHICS, 2007

Analyze patient data

- Performed qualitative and statistical data analysis
- Reviewed bioethics literature to find key essays & arguments
- Co-author on two original research papers

ADDITIONAL INTERESTS & SKILLS

COMMUNITY ENGAGEMENT & AREAS OF INTEREST

- Ethics Committee Member at San Francisco General Hospital
- Course work in bioethics & psychology/mental health
- Diversity knowledge & community connections in women's issues, LGBTQ+ issues, and disability & access
- Expertise in creative & literary writing

TECHNICAL SKILLS

- MS Office & Google standard suites
- Canva design software
- Smartsheet, Airtable, Asana, Trello, and Notion management platforms
- Buffer and Hootsuite social media management platforms