

HOPE HENDERSON, PHD

SCIENTIST & WRITER

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619-381-5977



Berkeley, CA



hoperhenderson.com



/hoperhenderson



SKILLS

Writing

Editing

Content Strategy

Research

Interviewing

Confidentiality

Accountability

Collaboration

Social media

People management

EDUCATION

DOCTOR OF PHILOSOPHY
UC Berkeley
Molecular & Cell Biology
Focus: Genetics

GRADUATE RESEARCH
FELLOWSHIP
National Science
Foundation

BACHRELOR OF ARTS
Brown University
Human Biology

PROFESSIONAL PROFILE

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

EXPERIENCE

CONTENT STRATEGIST, Innovative Genomics Institute, January 2019-present

Co-develop strategy for engaging, public-facing content for website garnering 1m+ views/year

- Write & edit content for lay audiences, including news stories, interviews, web copy, development & branding materials
- Write video scripts & do voice over, e.g. for IGI's video "The Cow Burp Problem," featured in a Lawrence Hall of Science exhibit
- Write & edit content for scientific audiences, including research papers, position statements, funding proposals
- Promote IGI's Women in Enterprising Science Program through video content, articles, social media, event promotion
- Serve as social media manager, creating social media content & administering accounts for 30k+ followers
- Serve as illustration manager: conceptualizing illustrations, managing & mentoring illustrators
- Manage work-study student writers, guest writers, translators

FREELANCE SCIENCE & COPY WRITER 2020-present

- Write press releases, blog posts, web copy for lay audiences
- Synthesize scientific data & write white papers, e.g. on clinical development for a genetic disease
- Write scientist profile features, including a piece featured in *California Magazine*

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

- Created & distributed the IGI's first demographics & climate survey
- Wrote a strategic plan for DEI, leading to a new FTE hire focused on DEIJB & stakeholder outreach
- Developed program idea & served as lead writer for a grant which received almost \$1m in funding for an undergraduate research program serving HBCU students

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GRADUATE STUDENT INSTRUCTOR, UC BERKELEY 2014-2015

Co-taught advanced undergraduate genetics courses

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

BIOLOGY RESEARCH EXPERIENCES, 2004-2019

Designed & executed 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

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

ACCOLADES

UC Berkeley Spot Award, June 2023

For promotion of IGI's Women in Enterprising Science Program

UC Berkeley Spot Award, April 2021

For promotion of IGI's COVID-related research

ADDITIONAL SKILLS & INTERESTS

TECHNICAL SKILLS

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

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, disability & access