

KATIA TARASAVA

Science writer specializing in biotechnology and biomanufacturing, DNA synthesis, NGS, CRISPR genome editing, and synthetic biology.

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Substack: katiatarasava.substack.com

Website: www.lifeofascientist.com

SUMMARY OF QUALIFICATIONS

- Technical and marketing writing skills; experience with various forms of content including application notes, technical notes, research and review articles, blog posts, website content, social media, video scripts.
 - Ability to understand customer needs and explain product benefits, put complex concepts in simple terms and use correct tone of voice.
 - Excellent project management & cross-functional collaboration skills.
 - Extensive hands-on lab experience; research background in synthetic biology, genome editing, metabolic engineering, CRISPR, and NGS.
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PROFESSIONAL EXPERIENCE

Freelance Writer and Biotech Consultant

Self | Remote

Sept 2022 – present

- Served as a marketing and technical writing expert for biotech companies, from startups to established names in areas from proteomics to NGS.
- Clients include: BioMADE, SynBioBeta, Inscripta, SomaLogic, Mytide Therapeutics, Biomatter Designs, Zero Acre Farms, GROW by Ginkgo.

Technical and Marketing Writer | Marketing Department

Inscripta, Inc. | Boulder, CO

April 2021 – June 2022

- Managed social media, blog, web content updates; authored written content (app notes, tech notes, user manuals) and educational videos.

Copywriter Consultant | Biotech Startup

Zero Acre Farms | San Mateo, CA

Jan 2021 – April 2021

- Performed lit review & wrote blog posts to educate the customer base.

Associate Writer | Marketing for Life Science Companies

Samba Scientific | Longmont, CO

July 2020 – April 2021

- Created web copy, blog posts, white papers, press releases, video scripts, manuals, educational content, and ads for biotech/biomedical companies.

Postdoctoral Researcher | Metabolic Engineering

University of South Florida | Tampa, FL

April 2019 – April 2021

- Led a cross-institutional collaboration; developed lab's NGS workflow on the MiSeq platform; designed research projects; wrote grant proposals.

Associate | Grant Writing and Consulting

Jana Watson-Capps and Associates, LLC | Longmont, CO Feb 2019 – April 2021

- Identified non-dilutive funding sources for early-stage biotech companies and academic labs & helped prepare grant applications to NIH, NSF, DoD.

Research Assistant | Synthetic Biology and CRISPR Tools

University of Colorado Boulder | Boulder, CO Sept 2013 – Jan 2019

- Completed PhD research thesis “Development of Novel CRISPR-Based Methods for Transcriptional Control Over Bacterial Gene Expression”.

Professional Research Assistant | Protein Expression and Assays

University of Colorado School of Medicine | Aurora, CO Sept 2012 – May 2013

- Optimized protein expression to produce a 5-year supply of enzymes.

Research Intern | Drug Target Identification and Validation

Novartis Institutes for BioMedical Research | Cambridge, MA June – Aug 2012

- Performed RNAi in mammalian cell culture to identify epigenetic targets for ovarian cancer therapies; validated targets using qRT-PCR.

EDUCATION

Ph.D. Materials Science and Engineering

May 2019

University of Colorado Boulder | Boulder, CO

Interdisciplinary Quantitative Biology Certificate

May 2019

University of Colorado Boulder | Boulder, CO

M.S. Materials Science and Engineering

May 2017

University of Colorado Boulder | Boulder, CO

B.A. Biochemistry, *cum laude*

May 2012

with a Minor in The Arts of Florence and London

Colorado College | Colorado Springs, CO

WRITING & PRESENTATIONS

- **Technical writing:** app/tech notes, white papers, handbooks, manuals
 - **Marketing/copywriting:** web copy, email, blog, social media, ads, SEO
 - **Grant writing:** 4 cross-institutional NIH/NSF grants, 1 degree proposal
 - **Personal blog** on biotechnology trends: www.lifeofascientist.com
 - **Substack** (non-science topics): www.katiatarasava.substack.com
 - **Presentations:** 8 poster presentations, 1 talk at scientific conferences
 - **Peer-reviewed publications:** Google Scholar [profile](#) (link)
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TECHNICAL SKILLS • CRISPR gene editing; enzyme assays; whole-genome sequencing; RNA-seq; MiSeq library prep; NGS data analysis; HPLC; GC/MS; qPCR; RNAi; Western blot; proteomics; protein purification; Python.

LEADERSHIP & OUTREACH **Vice President & Co-Founder of CU Women in Science and Engineering (WiSE) Group** Aug 2014 – Aug 2018

- Founded a STEM student group to share career development resources; organized 32 professional events & Science Communication Symposium.

Seminar Series Organizer at CU Biotech Club Aug 2014 – Aug 2015

- Organized and moderated a panel discussion with industry leaders.
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HONORS & AWARDS

- CU Boulder Women’s Leadership Award (2016)
- American Association of University Women Excellence Grant (2016)
- NSF Grant for Interdisciplinary Quantitative Biology (2013 – 2015)
- Colorado College Full Tuition Scholarship (2008 – 2012)