

EMMY FAI TSANG

Location: Utrecht, the Netherlands

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CORE COMPETENCIES

Programme & project management	<ul style="list-style-type: none">Planned and delivered an 18-mo strategic framework for eLife Innovation involving communication & marketing, product & tech, finance and HR teams. This framework included designing and executing a 4-mo global, virtual training programme, developing and launching an open-source tool stack for publishing, and managing a £100k outreach and incubation budget.Worked with three other directors in Open Life Science to coordinate cohort-based, virtual training for a global community of 200+. Our strategic efforts to build organisational and financial resilience led us to secure \$700k+ funding for the next two years.
Community building & engagement	<ul style="list-style-type: none">Drove the community engagement strategy for the TU Delft Strategic Plan Open Science 2020-24. The strategy focused on improving information access, embedding our work within existing initiatives, and elevating community champions to empower researchers, engineers, students, and staff to build a collective cultural change towards the institutional vision of open science.Coordinated the Open Science Community Delft (OSCD), where I designed transparent onboarding and participation mechanisms and built partnerships with communities within and outside of our institution to promote conversations around topics of mutual interest. Community size has grown 80% in the past year, and at least four members have received external awards and recognition for their community work.
Event management	<ul style="list-style-type: none">Planned and delivered 2 Innovation Sprints, in-person in 2019 and virtual in 2020. Participants from 40 countries collaboratively worked on 28 open-source prototypes.
Stakeholder Management	<ul style="list-style-type: none">Managed relationships with faculty management, department administration, and critical university offices to raise Open Science's profile within the university.Built trusted relationships to cultivate partnership opportunities to deliver targeted communication campaigns and training and invite feedback and input for our policy and infrastructure work.
Technical acumen capabilities	<ul style="list-style-type: none">Supported discovery and prioritisation during Executable Research Article's development, through providing the technology and product teams with insights from community feedback and identifying and connecting with potential partners and early adoptersHelped scope and evaluate 10+ technical grant proposals from TU Delft Researchers, from architectures to improve data interoperability to AI applications in sharing and curating educational resources
Marketing & communication	<ul style="list-style-type: none">As the face of eLife Innovation, I represented eLife at 15+ conferences and industry events, giving demos and hosting discussions.Maintained Twitter presence for eLife Innovation and the OSCD: eLife Innovation's following doubled in 18 months, and OSCD's following has grown steadily at a 10% rate amongst our target audienceRegularly wrote and edited for eLife Labs, TU Delft OPEN Publishing and other venues

EXPERIENCE

02/2022 - present **Engagement Lead**, Invest in Open Infrastructure. (*remote*)

Drive the communications and stakeholder engagement strategies for IOI. Working closely with our Executive Director, research team, and contractors, I establish communication processes and tooling and craft targeted messaging, content, and convenings to engage funders/budget holders, open infrastructure technologists, policymakers, and other stakeholders in our work and in co-designing a shared roadmap towards making open infrastructure a default in research.

09/2020 - 01/2022 **Community Engagement Manager (Open Science)**, Delft University of Technology (TU Delft), Delft, The Netherlands

Drove the community engagement strategy for the TU Delft Strategic Plan Open Science 2020-24. I built relationships with stakeholders, partnerships with internal and external initiatives, and communication campaigns and content to raise awareness of the Plan's work and engage change managers and community members to ensure that they can effectively contribute to the Strategic Plan's mission.

01/2021-present **Director**, Open Life Science Ltd. (*remote*)

Co-organised the virtual, cohort-based training and mentorship programme to support individuals in research to become open science ambassadors. Since 2020, Open Life Science has trained over 200 participants from 46 countries.

02/2019-09/2020 **Innovation Community Manager**, eLife Sciences Publications Ltd., Cambridge, UK

Led the eLife Innovation Initiative to support the development of open-source tools for open research. I developed a community-centred roadmap for eLife Innovation, managed the Initiative's portfolio of funded projects, represented eLife at open-source community events, organised training, hackathons and demos and established the content strategy for our blog.

09/2014-12/2018 **Predoctoral Fellow**, EMBL Epigenetics and Neurobiology Unit, Rome, Italy

Conducted research in bioinformatics and neuroscience. I developed and optimised a data processing and analysis pipeline for big transcriptome sequencing data, including parallel data pre-processing using a high-performance cluster, machine learning-assisted normalisation and clustering, and visualisation with R.

EDUCATION

2014-18 **PhD Natural Sciences**, European Molecular Biology Laboratory (EMBL) / Heidelberg University

2010-14 **M. Sci., MA (Hons.), BA (Hons.)**, Churchill College, University of Cambridge

LANGUAGE & COMPUTATIONAL SKILLS

Languages English, Chinese (Cantonese and Mandarin), Italian (elementary)

Computational skills Programming (R, Python, MATLAB); Unix Shell; GitHub; machine learning; computational notebooks; data analysis pipelines; high-performance computing