



# Shannon DYER

## Innovation Analyst

🏠 Vevey, Switzerland

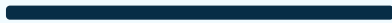
✉ shannon.dyer15@gmail.com

📞 079 126 25 76

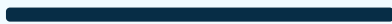
🔗 <https://www.linkedin.com/in/shannon-dyer-management>

## Languages

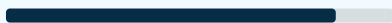
French



English



German

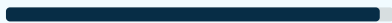


## Skills

Innovation Management



Design Thinking



Project Management



Venture Building



Persuasion and Negotiation



Research



Data Analysis



Stakeholders Management



Presentation



Communication



Young professional with scientific and business backgrounds. I am specialized in natural sciences and innovation management. My profile is ideal for bringing to market innovation within a scientific institution

## Work experience

### Innovation and Venture Specialist

Since November 2024 Karger Publishers Basel

- Co-organization of firm wide innovation workshops for 60+ managers
- Co-development of firm wide innovation strategies (e.g. AI related)
- Coordination of AI implementation in business units processes and products (incl. GenAI)

### Working student, Sustainable engineering

2023 Bystronic Laser AG Bern

- Created Innovation KPI management tool for 20+ R&D managers to implement sustainability in R&D by analysing 100+ science papers
- Created automated Scope 3 CO2e data process based on GHG protocol, increasing Scope 3 figures precision by 30% and saving 2000+ work hours /y by creating a product model based on multiple data lakes
- Built LCA models for 3 products lines
- Screened startups for the corporate venturing program
- Assisted Innovation Manager on Firm-wide Innovation platform development
- Lead several design-thinking innovation workshops with senior technology managers

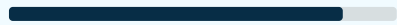
### Research Assistant, Geochemistry

From 2020 to 2021 ETHZ Zürich

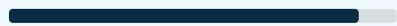
- Discovered a biomarker to reconstruct lake coverage by invasive plant and to improve satellite data precision by analysing 120+ samples and analysing data
- Developed GC-MS methods for specific biomarkers
- General Laboratory Management
- Generated core scientific data for 2 PhDs and 1 Post-Doc, leading to 3 publications

## Computer skills

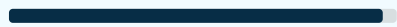
Word



Excel



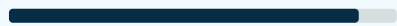
Powerpoint



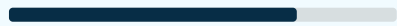
EcoDesign Studio (LCA)



Miro



Figma



## Work experience

### Intern, Engineering Research

2019 Bosch Singapore

- Identified boundary conditions (3) and failure modes (3) of innovative chemosensor leading to 200%+ lifetime improvement of technology by performing 20+ experiments and analysing experiment data
- General Laboratory (ISO Class 6 clean room) management
- Assembled the first prototype

### Co-founder

From 2017 to 2019 Neobinol Lausanne

- Designed a patentable manufacturing system to process 30t/y of botanicals by scaling conventional laboratory cleaning processes up into industrial extraction processes
- Initiated first sale contract, bringing 50k/y of recurrent revenue
- Established quality control (QC) process for the production
- General Venture Building

## Education

### Master in Management and Innovation

From 2021 to 2023 HEC Paris, TU Munich Paris, Munich

- Master Thesis: Innovation and R&D performance management
- Company projects: meat substitutes market entry models in Startup (Grillido GmbH), sustainable furniture design thinking, strategic foresight at Siemens Healthineers

### Master in Geochemistry

From 2015 to 2017

University of Lausanne Lausanne, VD, Switzerland

- Master Thesis : water chemistry study of an African River basin
- Certificate of Innovation, Entrepreneurship and Business concept at EPFL
- Isotopic Geochemistry (water, DIC, DOC) and mass spectrometry

### Bachelor in Geology

From September 2012 to November 2015

University of Lausanne Lausanne

- Mineralogy, Cristallography, Optical Mineralogy
- Field Geology in Europe
- Geochemistry