

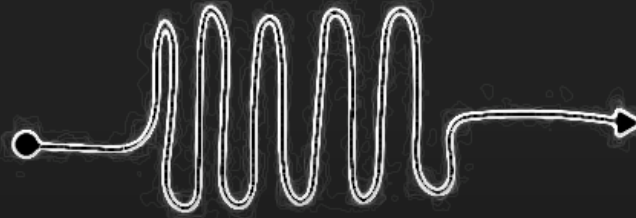
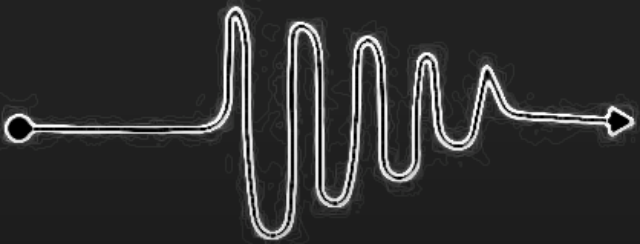
A stylized atomic model with three concentric circles and five dots of varying sizes (black, grey, and white) positioned on the circles.

The Goldilocks Zone of

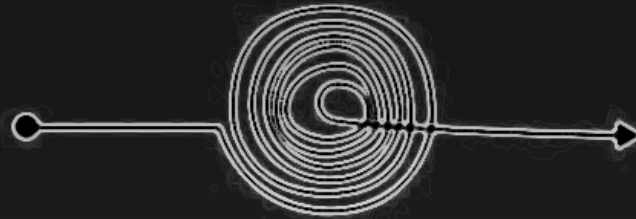
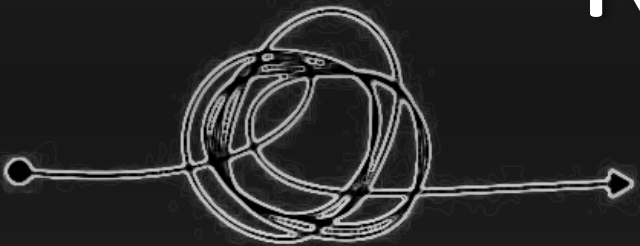
Cancelled

Careers

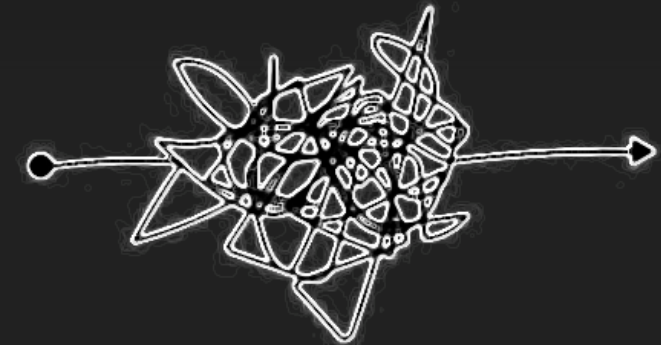
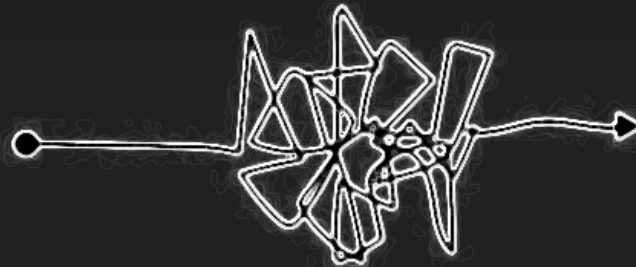
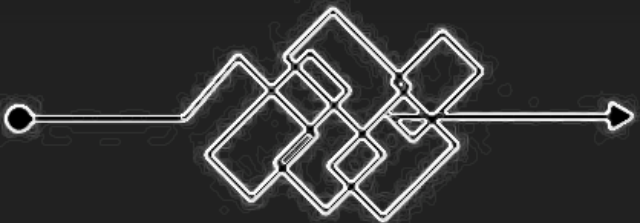
Dr. Jennifer Wadsworth



Nonlinear Space (Careers)



Dr. Jennifer Wadsworth



My career (so far)



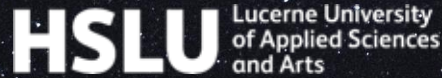
University of Basel, Switzerland
Bachelor of Science in Biology (2011 – 2014)



University of Edinburgh, UK Centre for Astrobiology, UK
PhD Physics (2015 – 2018)
Thesis: "Microbial Responses to Extreme Radiation Environments"



NASA Ames Research Center, CA, USA
Postdoctoral Research Fellow (2018-2020)
Planetary Protection; Evolution in OG



Hochschule Luzern, Space Biology Group,
Research Associate (2020 – 2022)
Astronaut Health in OG; Ground-Based Facilities



ETH AI Center
Partnership Manager (2022 – 2023)
Research Manager (2023 – 2024)



University of Zurich
UZH

University of Zurich
Lecturer (2021 – 2025)

**European Space Deep-Tech
Innovation Centre (ESDI)**
Phi Lab and Program Manager
(2024– present)

A man with dark hair and a white lab coat is sitting at a table. He is looking upwards and to the right with a thoughtful expression, his hands resting on his chin. In front of him is a large Erlenmeyer flask containing a green liquid, with a green, coiled, worm-like object emerging from it. To the left, another Erlenmeyer flask contains a red liquid. A thought bubble is positioned to the right of the man's head, containing the text 'Astronomy + Biology = ?'.

Astronomy + Biology = ?



“ASTROBIOLOGY”



**“The origin, evolution,
distribution, and future
of life in the universe”**



1.1 km
underground!





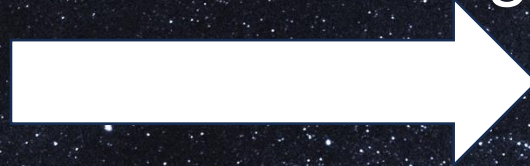
SS

S



Academic

Hard work +
Tenure-Track Magic



?



Tenured Professor



?
?
?

HSLU Hochschule Luzern

BIOTESC Biotechnology Space Support Center



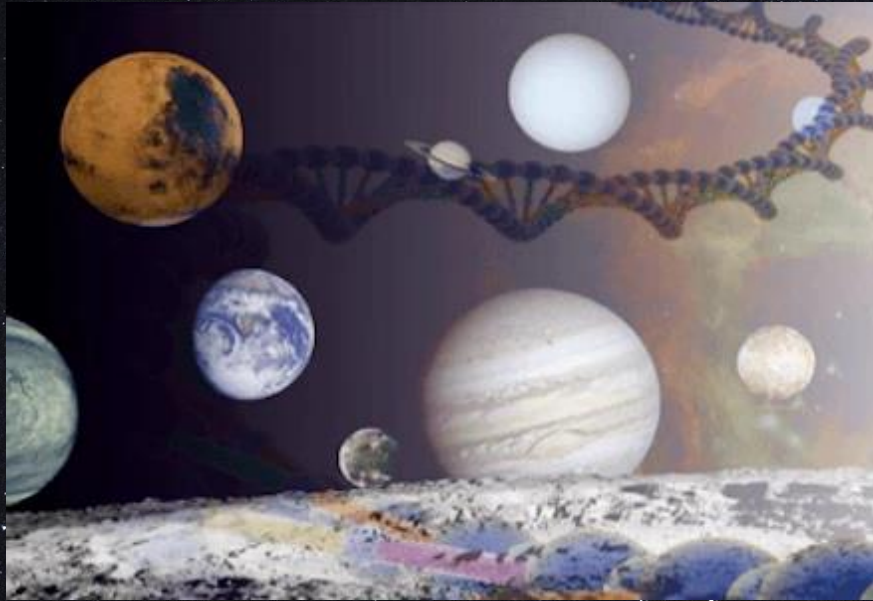


<https://www.youtube.com/watch?v=tAmHVKIj4RA>





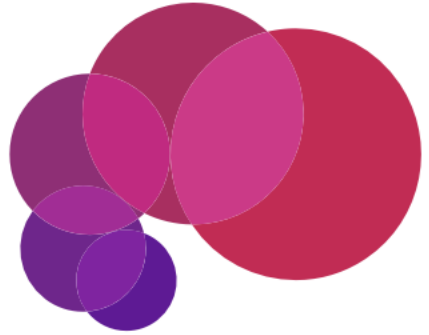
Universität
Zürich^{UZH}



“Introduction to Astrobiology”



“Biosignatures and Life Detection”



ETH AI CENTER

Non-Space Pivot



European Space Deep-Tech Innovation Centre (ESDI)

A deep-tech centre of excellence in Switzerland
under the leadership of ESA

ESA AND PSI LAUNCH NEW INNOVATION CENTER

5.11.24

Author: Switzerland Innovation

The European Space Agency (ESA) and the Paul Scherrer Institute (PSI) have launched a new innovation center located at Switzerland Innovation Park Innovaare. The aim is to apply Swiss high-tech and deep-tech developments for ESA's space research, as well as in various industrial sectors.



Quantum Technologies

Materials Research

Data

→ esdi.ch

Things I've learned so far...

- Don't be afraid to reach out to people (even fancy professors)!
- Build your network of peers
- There's no "right" or linear career path

...There's "space" for everyone in space!



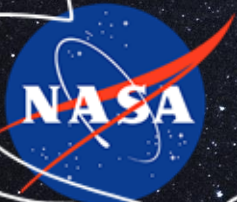
My career (so far)



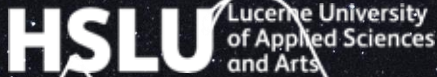
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Phi Lab and Program Manager
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Let's talk Space Careers!



jennifer.wadsworth@psi.ch

esdi.ch



EUROPEAN SPACE DEEP-TECH INNOVATION CENTRE