

# Stella Anna Braunschweig

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Birthday: May 4<sup>th</sup>, 1997



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## EDUCATION

- 04.2025 – ongoing      **ETH Zurich, Doctorate in Environmental Sciences**  
PhD Project on Soil Biogeochemical Dynamics of Alpine Catchments  
SNSF funded project “ASPECT”
- 09.2021 – 12.2024      **ETH Zurich, Master Studies in Environmental Sciences**  
Major in Biogeochemistry and Pollutant Dynamics  
Internship at the Harvard John A. Paulson School of Engineering and Applied Sciences  
Master thesis: “The Role of Organic Matter and Soil Minerals in Mercury Accumulation in Icelandic Soils”
- 09.2018 – 08.2021      **ETH Zurich, Bachelor Studies in Environmental Sciences**  
Specialization: Biogeochemistry  
Bachelor thesis: “Mercury Behavior in Iron- and Carbon-rich Icelandic Soils under Flooding Conditions”
- 09.2016 – 09.2018      **ETH Zurich, Bachelor in Earth Sciences**  
4 Semesters, then transfer to Environmental Sciences
- 08.2014 – 05.2016      **Literargymnasium Rämibühl Zurich, International Baccalaureate (IB)**  
Higher Levels in English, German and Biology  
Standard Levels in Mathematics, History and French
- 08.2010 – 07.2016      **Literargymnasium Rämibühl Zurich, Swiss Matura (High school diploma)**  
Major in ancient languages (Latin) and English

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## PRACTICAL EXPERIENCE

- 01.2025 – 03.2025      **ETH Zurich: Scientific Assistant in Inorganic Environmental Geochemistry**  
- Literature review and funding proposal preparation on arsenic metabolism in marine algae
- 09.2022 – 02.2023      **Harvard John A. Paulson School of Engineering and Applied Sciences (SEAS): Professional Internship under the supervision of Prof. Dr. Elsie Sunderland**  
- Laboratory measurements on marine sediments for mercury isotopes, total mercury concentrations and total elemental concentrations  
- Participation on science cruise EN692 on the R/V Endeavor  
- Seminar planning and participation
- 11.2021 – 12.2022      **Geoblock International AG: Research and Development**  
- Conducting market research and exploring startup opportunities  
- LinkedIn account management

11.2020 – 12.2024	<b>ETH Zurich, Institute of Biogeochemistry and Pollutant Dynamics, Soil Chemistry Group: Student scientific research assistant (HiWi)</b> <ul style="list-style-type: none"> <li>- Sample preparation for measurements</li> <li>- Measurements with ICP-MS, Ion Chromatography, Direct Mercury Analyzer, TOC, and Gas Chromatography</li> <li>- Correct cleaning of workspaces and laboratory equipment</li> </ul>
05.2018 – 12.2024	<b>Swiss National Cooperative for the Disposal of Radioactive Waste (NAGRA): Moderator and interviewer for various film projects</b> <ul style="list-style-type: none"> <li>- Information film about the Drill Site Bülach</li> <li>- Visit of the Grimsel Test Site and conducting interviews</li> <li>- Interview with Herfried Madritsch about Quaternary drillings</li> </ul>
02.2018 – ongoing	<b>focusTerra, Earth &amp; Science Discovery Center of ETH Zurich: Museum guide</b> <ul style="list-style-type: none"> <li>- Guided tours about earthquakes, the solar system, crystals and minerals and the formation of the Alps</li> <li>- Workshops about Swiss geology and mineralogy</li> </ul>
12.2013 – 04.2014	<b>AG Theater Rämibühl, Zurich: Assistant Director for the play “Unten und Oben” by Johann Nestroy</b> <ul style="list-style-type: none"> <li>- Rehearsing lines with cast</li> <li>- Sourcing props and costumes for performances</li> </ul>
12.2010 – ongoing	<b>Kinder- und Jugendtheater Metzenthin, Zurich: Props manager and director in annual performances</b> <ul style="list-style-type: none"> <li>- Managing props for 150 children participating</li> </ul>

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## EXTRACURRICULAR ACTIVITIES

11.2024 – ongoing	ETH Zurich, VMUSYS (Academic Association of Scientific Staff at the Department of Environmental System Science): Events organization <ul style="list-style-type: none"> <li>- Organization of monthly events for members of the department</li> </ul>
10.2021 – 10.2023	ETH Zurich, UFO (Environmental Sciences Student Association): Communications and Vice President <ul style="list-style-type: none"> <li>- Managing merchandise and social media, communications with companies, and writing and sending the weekly newsletter</li> </ul>
08.2014 – 05.2016	Ethiopian Enterprises <ul style="list-style-type: none"> <li>- Helping at fundraising and member events</li> </ul>
01.2008 – ongoing	Babysitting

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## LANGUAGES

German	Native
English	C2, IB Higher Level
French	B2
Latin	B2
Italian	B1

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## COMPUTER SKILLS

Operating systems	Windows, OSX
Programming tools	MATLAB, python, R-Studio, Hydrus
User software	MS Office, LaTeX