

Lewis S. Jones

13.07.1996
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Education

ETH Zürich – Mechanical and Process Engineering (D-MAVT) - PhD Candidate

(September 2019 – Present)

- Doctoral candidate – ‘*Soft- and Biohybrid Robotics for Cardiovascular Support*’ under the supervision of Prof. Robert Katzschmann
- Publications in Soft Robotics, Journal of the American Chemical Society (JACS) and Chemical Research in Toxicology
- Supervised six Master/Bachelor theses and teaching assistant for “Chemical Product Design”

ETH Zürich – Biological Chemistry – MSc

(September 2017 – September 2019)

- GPA: 5.75/6
- Research projects in Function Materials Engineering (Prof. Stark) and Biochemical Engineering (Prof. DeMello and Prof. Puigmartí-Luis)

Massachusetts Institute of Technology - Visiting Researcher

(October 2018 – September 2019)

- Master thesis and research project under the supervision of Professor Giovanni Traverso and Professor Robert S. Langer - ‘*Machine Learning for the Design of Cancer Vaccine Adjuvants*’
- Inventor of US Patent ‘*Poly(β -Thioester) Polymers and Polymeric Nanoparticles*’
- Awarded the Zeno Karl Schindler Master Thesis Scholarship

University of Nottingham – Biochemistry and Biological Chemistry – BSc Hons

(September 2014 – July 2017)

- First-Class Honours (75% average) – graduated within the class top 10%

Employment History

S2S Ventures – Investment Manager

(March 2021 – Present)

- Set-up and management of a 10 million CHF student-led investment fund
- Performed due-diligence and selected investments for Biotech and Medtech startups

Graduate Consulting Club Zürich – President

(January 2020 – September 2021)

- Developed the ‘Bridge’ pro-bono consulting practice, which provides practical learning experiences for students and consulting for start-ups and NGOs. Coordinated over 5 projects.
- Doubled the number of active club contributors, restructured the executive board, launched new event formats and supervised over 50 events and workshops

Hypnos Technology – Founder

(February 2019 – September 2019)

- Hackathon spin-off (1st place, Yale 2019) to develop at-home sleep apnea diagnostics
- Participated in the MIT/NSF I-Corps customer discovery program

ReSolve Capital – Summer Analyst

(August 2017 – September 2017)

- Sourced distressed investment opportunities for the firm’s private equity fund

University of Nottingham – Medicinal Chemistry Internship

(July 2016 – September 2016)

- Received a research scholarship to explore new antibiotics to target Mycobacterium tuberculosis

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Publication List

J. Schmitt, LS Jones, EA Aeby, C Gloor, B Moser, J Wang, “*Protection Level and Reusability of a Modified Full-Face Snorkel Mask as Alternative Personal Protective Equipment for Healthcare Workers during the COVID-19 Pandemic*”, Chemical research in toxicology, **2021**

LG Guex, LS Jones, AX Kohll, R Walker, M Meboldt, V Falk, MS Daners, WJ Stark, “*Increased longevity and pumping performance of an injection molded soft total artificial heart*”, Soft Robotics Journal, **2021**

A Sorrenti, L Jones, S Sevim, X Cao, AJ DeMello, C Marti-Gastaldo, J Puigmartí-Luis, “*Growing and Shaping Metal–Organic Framework Single Crystals at the Millimeter Scale*”, Journal of the American Chemical Society, **2020**

Patents

R Langer, C Traverso, A Kirtane, D Reker, L Jones, HS Kim, N Rajesh, “*Poly(Beta-Thioester) Polymers and Polymeric Nanoparticles*”, US Patent WO2021022185, **2021**