

Luciano Santollani

B.S., Chemical Engineering

Contact

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LinkedIn:



Background

US and Argentina Citizen

Languages

Python
Java
C++
Julia
MATLAB
HTML
L^AT_EX
English
Spanish

Hobbies

Coffee Chats
Car shows
Cooking
Squash

Education

- Sept 2019 – **Massachusetts Institute of Technology** Cambridge, MA, USA
- Ph.D. student in ChemE – advisors: K. Dane Wittrup + Darrell Irvine
- 2014 – 2018 **Stanford University** Stanford, CA, USA
- GPA: 3.99. Advisor: Matteo Cargnello (*Partial coursework*: Biochemical engineering, advanced biochemistry, molecular biology, organic/physical/quantum chemistry, mathematical modeling, probability, computer science – see languages)
- 2010–2014 **Seven Lakes High School** Katy, Texas, USA
- Class rank: 9 of 979 (*Activities*: Marching band, STEM tutoring, 9 AP classes)

Experience

- 2018 – 2019 **Pendulum Therapeutics** | Intern San Francisco, CA
- Guided beta launch of microbiome-based intervention for Type 2 Diabetes
 - Explored payer reimbursement landscape for microbiome products
 - Directly reported to CEO + COO
- 2016 – 2018 **Ubiquina** | Co-founder + Sequoia Capital Summer Fellow Palo Alto, CA
- Attempted to develop therapeutic enzymes by targeting an unmet clinical need with innovative chemistry and novel biology
 - Direct mentorship from Prof. Chaitan Khosla, Dr. Kara Rogers (Stanford), and Drs. Zach Sweeney, Mihalis Kariolis (Denali Therapeutics)
 - Raised \$50k to complete proof-of-concept experiments
 - 1 of 10 companies to incubate at Sequoia Capital during Summer '17
 - Received YCombinator investment offer (declined)
- Summer 2016 **ExxonMobil** | Supply Chain Intern Houston, TX
- Analyzed validity of projects to save \$1.5M by 2018 by running DCF calculations and creating game plan to ensure project completion
- 2014 - 2016 **Gerry Fuller Fluid Mechanics Lab** | Research Assistant Stanford University
- Built device to correlate thin films to bulk foams described in publication

Honors & Publications

Frostad, J. M., Tammara, D., **Santollani, L.**, de Araujo, S. B., & Fuller, G. G. (2016). Dynamic fluid-film interferometry as a predictor of bulk foam properties. *Soft Matter*, 12(46), 9266-9279.

- May 2019 **NSF Graduate Research Fellowship Program** – Full research funding for 3 years
- May 2018 **Phi Beta Kappa**
- Feb 2017 **Tau Beta Pi**
- Feb 2018 **MIT Presidential Graduate Fellow** – Awarded to outstanding incoming students
- June 2018 **Stanford Mason-Marsden Award** – 1 of 2 ChemE seniors for research contributions
- June 2017 **Stanford Channing Robertson Award** – 1 of 2 ChemE juniors for academic achievement
- June 2017 **Sequoia Capital Summer Fellow** – Incubation fellowship with mentorship and funding

Activities

- 2017 – Pres **Sequoia Capital** | Campus Ambassador Menlo Park, CA
- Provide Sequoia an “inside eye” to the MIT entrepreneurial scene by sourcing potential investments and helping with on-campus events
 - Former Stanford Campus Ambassador during undergraduate
- 2017 - 2018 **Tau Beta Pi Professional Development Chair**
- Hosted Doug Leone for Distinguished Speaker Series, a yearly talk for 300+ members of the Stanford community
 - Organized monthly dinners for members with local CEOs and VCs
- 2016 - 2017 **Freshman Dorm Residential Staff Member**
- 2014 – 2016 **Stanford Symphony Orchestra - 2nd Trumpet**