

September 14 2022

First Three Bioautomation Partners Announced

We are happy to introduce the first three Bioautomation Partners, who will join us to help build the community of open cloud science researchers, develop open source software for experimental biology, and implement new program concepts.

Sofya Lebedeva *Molecular and Cellular Biology, UC Berkeley, USA*

Sofya is currently finishing her undergraduate degree in Molecular and Cellular Biology at UC Berkeley. Her primary interests are in immunology, genetics and biosecurity. She works part time for Catena Biosciences and also helps run the UC Berkeley Effective Altruism Group. In her spare time, she is a fan of doodling, hiking and traveling. She is excited to bring her skills in community building to the Bioautomation challenge.

Stefan Kuhn *Biochemistry, Northwest University, South Africa*

Stefan is a postdoc in molecular biology at Northwest University where he studies the kinetics of enzymes involved in isovaleric acidemia, a rare disease which affects roughly 20,000 South Africans, and millions worldwide. He is passionate about science, science communication, and making science accessible – especially for researchers in the developing world. Stefan is looking forward to contributing to the Bioautomation Challenge, which can provide access to world-class experimental platforms as well as a unique opportunity to network and learn.

Jeffrey Gorman *Biological Engineering, Massachusetts Institute of Technology, USA*

Jeffrey's postdoctoral work at MIT leverages structural biology to optimize semiconductor networks. By synthesizing semiconductors connected to hundreds of unique DNA strands, Jeffrey uses nature's programmable DNA double-helix pattern semiconductors at the nanoscale. Jeffrey completed his PhD at the Cavendish Laboratory, working to enhance solar panels efficiency using ultrafast spectroscopy. He now seeks to solve these same problems with universal synthetic-DNA pipelines and bioinspired-material discovery.

Note that we plan to appoint additional Partners, and applications will remain open until positions are filled.

