

BEVAN STANELY

Researcher

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EXPERIENCE

Research Student

Bacterial Ecology & Evolution Lab

March 2020 - Ongoing IISc, IND

- Developed an agent-based-model simulating the ecology of *Myxococcus xanthus*
- Performed an evolutionary experiment in *E. coli* with two selection pressure - a predator (*Myxococcus xanthus*) and antibiotic (Rifampicin and Gentamycin).

Mediator

Science Gallery Bengaluru

August 2020 Digital

- Conversed with visitors on the exhibits of first digital exhibition of Science Gallery Bengaluru: **PHYTOPIA**.
- Conducted live Mediator Sessions.

Research Student

Chandra Lab, Biochemistry

January 2020 - February 2020 IISc, IND

- Developed a preliminary model for thyroid hormone synthesis with Ordinary Differential Equations using the software **COPASI**.

Mediator

Science Gallery Bengaluru

December 2019 - January 2020 Bangalore International Centre

- Engaged with visitors on the exhibits of **SUBMERGE: Exhibition on Water**.
- Performed live physical demonstrations.

I HAVE QUALIFIED

CSIR-UGC NET Life Science LS

December 2019 AIR-24

JAM Biological Sciences BL

2019 AIR-64


JGEEBILS Biology

2019 Was selected @ IISER, Pune

MY LIFE PHILOSOPHY

"The whole is greater than the sum of the parts."

MOST PROUD OF

 **Courage I had** to jump from biology to mathematics and computation

STRENGTHS

Hard-working Eye for detail

Empathy

C++ Modelling

Parallel Computing Netlogo

LANGUAGES

English ● ● ● ● ●

Malayalam ● ● ● ● ●

Kannada ● ● ● ● ●

EDUCATION

M.Sc. in Biological Science

Indian Institute of Science

August 2019 - July 2021

B.Sc. in Biological Sciences

Bangalore University

August 2016 - July 2019

REFEREES

Dr. Samay Pande

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