

Teachers - need a break from the classroom? Consider our Paid Summer Positions for High School Science and/or Math Teachers



These in-person, summer research and curriculum development positions are easy to apply for and can reinvigorate you for the years ahead!

The [Institute for Systems Biology \(ISB\)](#) is currently hiring teachers to work **full-time** or **part-time** for **2 to 7 weeks during the summer of 2022**. Since 2004, the Baliga Lab at ISB has partnered teachers with researchers, engineers, programmers, and students to be involved in systems biology research projects. While doing systems biology research together, we also translate pertinent components of that research into hands-on, engaging, standards-based [curriculum modules](#) for STEM classrooms. As a result, you can participate in current research projects and help author new curricular materials that bring exciting new scientific concepts and techniques to high school students across the world. **The pay rate is \$30 per hour.**

Who: We encourage any enthusiastic High School Teachers with science-related backgrounds (Physics, Chemistry, Biology, Integrated Sciences, Biotechnology, Environmental Science, etc.) to apply. This year, several of our projects have a math component so we also encourage math teachers to apply. **You must be fully vaccinated and boosted to participate.**

Here's what Mari, a teacher from Lynden High School said about working at ISB:

"The synergy created by the Baliga Lab group, interns, inspiring speakers, other teachers, and the entire ISB community will keep me fired up during my 30th!!! year in the classroom. A systems approach is a paradigm shift...I'm having dreams about ISB and how I am going to adjust my teaching and learning."

What: Our mission at ISB is to use innovative research approaches in an effort to predict and prevent disease, and enable a sustainable environment. This summer our research emphases include, but are not limited to:

- **Resilience, Adaptation, and Evolution of Systems** - this will involve exploring the biotic and abiotic factors in and among a wide array of microbes (microalgae, diatoms, archaea, et al).
 - **Where:** [Institute for Systems Biology, Seattle, WA](#). Some work can be completed remotely, but the bulk of the work will be in person at ISB.
 - **When:** 2-7 weeks between July 5 and August 19, 2022, for anywhere **between 80-280 total hours**. Dates & time commitments are flexible based on your academic calendar, bandwidth and interest.
- **Microplastics in the Arctic** - We have partnered with the [UW's Polar Science Center in the Applied Physics Lab](#) and others to lead 2-weeks of exploration into the unknown world of Microplastics in the Arctic. This summer we have space and funding for 6 teachers to join us to study how microplastics are taken up and released in ice and water and how this is modeled via simple equations and demonstrations.
 - **Where:** [University of Washington's Benjamin Hall in Seattle, WA](#).
 - **When:** 2 weeks, tentatively schedule during the weekdays of July 25-August 5, 2022.

What is required from you:

- A creative mind for stimulating lab work and experience in developing course material
- A copy of your resume/CV
- A description of your interest, background, and hopes/goals for the time with us this summer
- A description of your school, teaching assignment, and your students
- **Please email all materials to see@isbscience.org before April 18, 2022.** We will begin to consider candidates on and after April 18. If you need more time to apply, let us know.

Also, if you are interested in being a part of this process by field-testing materials, using completed materials, attending training workshops, or by supporting some of our education efforts, please contact our Systems Education Experiences (SEE) team at see@isbscience.org or call Claudia Ludwig at 206-732-1453. Please also view our web pages for more information: <https://see.isbscience.org/>.