

Training made possible by funding from the [Center for Systems Biology](#)
One of the NIH/NIGMS National Centers for Systems Biology
[Undergraduate Research Training Program](#)

Thank you for your interest in research training at the Institute for Systems Biology. We are proud to report that in the last ten years the Center has supported training for approximately 130 undergraduate from all academic levels and areas of expertise and every year our training program rates very highly with our trainees!

POSITIONS CLOSE FRIDAY JANUARY 29TH AT 4PM PST.

Overview of research training at ISB:

- The program selects a broad range of trainees, from current Freshmen through to Seniors.
- To be eligible, graduating Seniors must demonstrate they have been accepted to graduate school immediately following their training at ISB.
- Applicants must have a solid foundation in both the math and biological sciences, with respect to and commensurate with, their academic level *only*.
- Trainees will train forty hours per week. “[Internships Offer Undergrads Full-Time Research Immersion \(Science\)](#).”
- Trainees are paid \$12 per hour.
- The research training program is ten weeks long.
- Trainees are included in all events at ISB, including lab meetings and retreats.
- In addition, trainees have their own weekly group program events, including seminars, team tasks, social events, etc.
- Trainees present at lab meetings and jointly host a group ISB discussion (of their choice), and an ISB-wide poster session.
- Trainees are included (where applicable) on publications that result from their research project.
- The approximate dates of the program are Monday June 6th to Friday August 12th.
- The exact start and end dates for the final trainees may vary slightly depending on their final exam schedule and school start dates. We expect trainees to train as part of the larger cohort of students, as a group.
- The funding does not allow us to fund or provide housing for trainees.
- The funding for this program requires the program provide training to U.S.A citizens living within the United States and currently attending U.S.A. colleges and universities. (See below for specific candidate requirements to apply.)

Overview of research projects at ISB:

- Research projects are typically subcomponents of research programs at ISB or technology development projects.
- Have a general understanding of [the research programs at ISB](#).
- Have a general understanding of systems biology at the [Institute for Systems Biology](#).
- Have a general understanding of the scope of [systems biology and its strengths and challenges](#).
- Have a general understanding of [systems thinking and its use of dynamic systems](#).
- Research projects are either primarily experimental or primarily computational. [Review past trainee research projects](#).
- Research projects will include cross disciplinary training in both experimental and computational approaches.
- Research projects are mentored daily by the ISB scientist responsible for the research program.
- [Making your summer research internship a good one \(Science\)](#)

Requirements to be considered for research training at ISB:

- Must have a solid foundation in both the math and experimental sciences (see Overview of research training, above).
- Must have a current minimum GPA of 3.0.
- Must be currently attending a U.S.A. college or university (see Overview of research training, above).
- Must be full time status (see Overview of research training, above).
- All information in the application form needs to be provided (i.e. all of the application form must be completed by Friday January 29th by 4 pm PST.
- All information requested in the application form needs to be completed (i.e. unofficial transcript and written responses) by Friday January 29th at 4 pm PST.
- **Submit your resume and unofficial transcript through the online application form. This online form places your information directly into our online hiring database.**
 - We apologize but with so many applications, applications that are not sent through the email provided cannot be considered.
 - We apologize but with so many applications we are not able to respond to every application we receive.

Trainee selection process:

- To be considered you must complete all of the application form and submit all the materials (see Requirements to be considered, above)
- There are three selections rounds for final trainees:
 - 1) from over 100 applications, approximately 20 are selected by early February.
 - 2) these 20 will receive phone interviews and
 - 3) the final 10 candidates will be selected for our summer training program.
- You can expect approximately four weeks before our final trainees are hired.
 - The positions are posted for two weeks (15 calendar days).
 - When the positions close it takes approximately two weeks (14 business days) to place final trainees.
- If you are selected at another program during this time you must contact us to withdraw your application.

Trainee hiring process:

- Following the phone interview (see Trainee selection process, above):
- Selected trainees will receive an Offer Letter.
- The Offer Letter will include start and end dates, as well as your daily mentor and Faculty group.
- Trainees will start Monday June 6th, unless their exam schedule prevents this.
- Trainees will end Friday August 12th, unless their school schedules prevent this.
- June 6th trainees will undergo a hiring orientation. Trainees will meet their mentors for the first time during lunch!
- Second day trainees begin to work with their mentors.