

# What is FAST?

Future Advancers of Science and Technology (FAST) matches James Lick students with graduate student mentors from Stanford to work on independent science projects. We meet every other Saturday to have fun doing science! Free lunch is provided at every session.

## Who should join?

You!! Any James Lick student in grades 9-12 is welcome to join.



## Where are FAST sessions held?

Here at James Lick. We start with lunch at noon on the tables near the science building. We then work on projects in each of the science classrooms

## When will the sessions be?

**September 6<sup>th</sup>:** Intro to FAST session – come for free lunch, meet other students, and learn about what kinds of activities you can do at FAST!

(12pm-3:30pm) **September 13<sup>th</sup>**: FAST Session 1 – the first session of the year! Start brainstorming projects and meeting mentors. (12pm-5pm)

**Other Fall sessions:** Sept 27th, Oct 25, Nov 1st, Nov 15th, Dec 6th

**Joint Session with Andrew Hill High School at Stanford:** Dec 13th

**Spring sessions:** Jan 10th, Jan 24th, Feb 14th, Feb 28, Mar 14th, Mar 21st,

**Symposium at Stanford:** One day on week of March 23rd

## How do I sign up?!

**Be sure to complete these steps to start attending FAST sessions!**

- 1. Fill out this survey >>>>>>>>> to let us know you're interested!**

Link: <https://forms.gle/hxpXwt1Hf3766xGy6>



- 2. Complete and turn in the included liability waiver and medical information form**

**(turn these forms into Ms. Huynh or bring them to the first session you attend)**

- ### 3. Join the FAST Remind classroom!

**Link: <https://www.remind.com/join/jlfast2526>**

**Contact JL CPOs Daniel (dkhowell@stanford.edu) or Cade (cnapier@stanford.edu) if you have questions!**

# For Parents/Para Padres/Dành cho phụ huynh

## For Parents:

Thank you for supporting your child in participating in FAST! Our goal is to provide your child with a unique opportunity to experience science in a way that will help their community and further their career. Our program helps students have an environment where they can work independently or in groups on science projects. The students are then invited to compete in science fairs and present at a Stanford Symposium where they will meet Stanford professors and post-doctoral scholars. You can expect your child to leave this program with a better idea of what it will take to become a scientist or engineer and with a support network to help them in the future. We have helped students apply to further science opportunities. We also have written recommendations and aided in college/financial aid applications for students who successfully complete the program.

We expect teams of students or individuals (for IB students) to:

- Attend 80% of the Saturday meetings
- Saturday meetings are from 12:00 - 5:00pm
- Write a project outline and budget for experiments
- Safely perform experiments over multiple weeks
- Thoroughly analyze experimental results
- Participate in the Sciencepalooza fair and Stanford FAST symposium

Parents are welcome at both the Sciencepalooza event and the Stanford FAST symposium and your participation would be much appreciated!

## Para Padres:

Gracias por apoyar a su hijo en participar en FAST! Nuestro objetivo es proporcionar a su hijo con una oportunidad única de experimentar la ciencia de una manera que ayude a su comunidad y seguir su carrera. Nuestro programa ayuda a los estudiantes tienen un entorno en el que puedan trabajar de forma independiente o en grupos en proyectos de ciencia. Los estudiantes son invitados a competir en ferias de ciencia y presente en un simposio de Stanford en el que se reunirán profesores de Stanford y académicos posdoctorales. Se puede esperar que su hijo deje este programa con una mejor idea de lo que se necesita para convertirse en un científico o ingeniero y con una red de apoyo para ayudarles en el futuro. Hemos ayudado a los estudiantes aplican a nuevas oportunidades de ciencias. También hemos escrito recomendaciones y / ayudado en las solicitudes de ayuda financiera de la universidad para los estudiantes que completen con éxito el programa.

Esperamos que los equipos de estudiantes o personas (para los alumnos del IB) a:

- Asistir al 80% de las reuniones de los sábados
- reuniones de los sábados son de 12:00 - 5:00 pm
- Escribir un esquema de proyecto y presupuesto para experimentos
- Realizar experimentos de forma segura a través de múltiples semanas
- Analizar a fondo los resultados experimentales
- Participar en el simposio FAST en Stanford y Sciencepalooza feria en San Jose

Los padres son bienvenidos, tanto en el caso de la Sciencepalooza y el simposio FAST en Stanford y su participación sería muy apreciada!

## Dành cho phụ huynh:

Cảm ơn các phụ huynh đã mau chóng khuyến khích cho con em tham gia Chương Trình khoa học FAST! Mục tiêu của chúng tôi là cung cấp cho các con em một cơ hội rất tốt để trải nghiệm khoa học, và giúp các em tiếp tục trau dồi thêm kiến thức trong sự học hỏi. Chương trình giúp học sinh có một môi trường nơi các em có thể làm việc một cách độc lập, hoặc theo nhóm dự án khoa học. Sau đó, các em sẽ được mời để tranh đua trong hội chợ khoa học và trưng bày tại một hội nghị chuyên khoa tại trường đại học Stanford, nơi các em sẽ gặp các giáo sư và các học giả trong chương trình tiến sĩ. Ông bà sẽ thấy các con em tốt nghiệp chương trình này với một kinh nghiệm tốt hơn về những gì họ sẽ có để trở thành một nhà khoa học, hay kỹ sư và với một mạng lưới hỗ trợ để giúp cho các em thành công trong tương lai. Chúng tôi sẽ giúp các em cải tiến thêm trong ngành khoa học. Chúng tôi sẽ viết những thư giới thiệu khi các em đã hoàn thành chương trình này để giúp thêm cho vào hồ sơ xin vào trường đại học, cũng như giúp xin tiền học bổng.

Chúng tôi mong các em thực hành (với các học sinh IB) những điều sau đây:

- Tham dự 80% các cuộc họp mỗi thứ bảy từ 12:00 - 5:00 giờ chiều
- Viết một phác thảo dự án và ngân sách cho các thí nghiệm
- Thực hiện thí nghiệm một cách an toàn trong nhiều tuần
- Triệt để phân tích các kết quả thử nghiệm
- Tham gia hội chợ khoa học Sciencepalooza và Stanford FAST

Chúng tôi rất mong muốn các phụ huynh đến tham dự và hỗ trợ các em tại hội chợ khoa học Sciencepalooza và Stanford FAST trong tương lai

2025 Stanford Future Advancers of Science and Technology (FAST)  
Assumption of Risk, Release of Claims and Hold Harmless Agreement



**READ CAREFULLY:  
THIS AFFECTS YOUR IMPORTANT LEGAL RIGHTS**

The parties to this Agreement are

\_\_\_\_ (Participant),  
\_\_\_\_ (Participant's parents or legal guardian, if Participant is under 18, all referred to hereafter jointly and severally as "Participant") and the Board of Trustees of the Leland Stanford Junior University its officers, trustees, faculty, agents, representatives, volunteers, students and employees (collectively referred to hereafter as "Stanford") for **Future Advancers of Science and Technology** \_\_\_\_ ("Program"). This agreement is signed in consideration of participant's being permitted to participate in the Program.

**Assumption of Risk.** Participant voluntarily assumes any and all risks in any way related to their participation in the Program. Participant is a voluntary participant in this Program. Participant understands and agrees that the Program and any related activities may be dangerous, may involve travel off the Stanford campus, either within or outside of the United States, and that neither the Program nor Stanford can guarantee the Participant's safety.

Any activities in which Participant may take part, whether as a component of the Program or separate from it, have been undertaken with Participant's understanding and assumption of any and all risks involved. The specific risks vary from one Program to another, but they may range from minor injuries (e.g., cuts, bruises or sprains) to catastrophic injuries (e.g., paralysis and death). Participant understands that injuries or outcomes may arise from their own or others' actions, inaction, or negligence; conditions related to any travel or other aspects of participation in the Program; or the condition of the location or premises where the Program is taking place.

Participant understands they may face unique risks when the Program involves travel, and acknowledges that it is Participant's responsibility to take every precaution to safeguard Participant's health, safety and security, and the safety and security of their personal belongings and premises.

If any travel is outside of the United States, Participant acknowledges that they have reviewed and understands the advisories for the locations Participant will visit, posted by the United States [Department of State](#), by the United States [Centers for Disease Control](#), and by [International SOS](#) posted at <https://www.internationalsos.com/member-zone> using Stanford membership number 11BCPA000272. In addition, the Participant acknowledges that they have reviewed and understood the general advise and precautions for overseas travel posted by the [U.S. Department of Justice](#).

Nonetheless, Participant assumes all related risks whether or not listed above, in relation to their participation in the Program, including travel to, from and during the Program.

**Physical Condition and Insurance.** Participant attests that Participant is physically and mentally capable of participating in the Program, and has no known health or other restrictions that might jeopardize Participant's safety or health or the safety or health of others during their participation in the Program. Participant gives permission for Stanford or its representative to provide immediate and reasonable emergency care should it be required. If Stanford learns that Participant is experiencing serious health problems or has suffered an injury, or is otherwise in a situation that raises significant health and safety concerns, Stanford may contact Participant's emergency contact and share Participant's personal information and documents (including health information) with third parties in furtherance of protecting Participant's health, safety or security.

Participant agrees to be solely responsible for payment in full of all costs of medical or emergency care they may receive, including without limitation emergency evacuation services.

**Photo/Video Release.** Participant agrees that Stanford may record, edit, use, reproduce, publish and distribute by way of any and all media and transmission, the visual and/or audio likeness of Participant and other commentaries, information, and materials the Participant may provide in connection with the Program, which includes, without limitation, Participant's name, biographical information, recorded voice, likeness, commentaries, presentation materials, and/or performance at the Program. Stanford is further granted permission to use such materials for educational, fund-raising, promotional or other purposes worldwide and in perpetuity, to the extent permitted by applicable law.

**Waiver and Release of Claims.** In consideration of being accepted into and/or participating in the Program, Participant agrees to and hereby does, for Participant and on behalf of Participant's heirs, executors, administrators, employers, agents, representatives, insurers, and attorneys, release and discharge Stanford of and from any and all claims which may arise from any cause whatsoever, including claims arising from any negligent act or omission by Stanford in any way related to participation in the Program. Participant further releases and discharges Stanford from liability for any accident, illness, injury, loss or damage to personal property, or any other consequences or claims or expenses of any kind whatsoever, arising or resulting directly, indirectly or incidentally from Participant's participation in the Program or in any way related thereto. THIS WAIVER AND RELEASE OF CLAIMS IS INTENDED



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TO BE CONSTRUED AS BROADLY AS POSSIBLE AND IS INTENDED TO WAIVE AND RELEASE PARTICIPANT'S CLAIMS OR LAWSUITS OF EVERY KIND AND NATURE RELATED OR INCIDENTAL TO PARTICIPANT'S PARTICIPATION IN THE PROGRAM.

**Indemnification and Hold Harmless.** Participant hereby agrees to indemnify, defend, and hold harmless Stanford from any and all claims of injury, loss, damages or liability whatsoever including reasonable attorneys' fees and/or any other associated costs, that may arise as a result of Participant's participation in the Program. If Stanford incurs any of these types of expenses, Participant agrees to reimburse Stanford.

To the extent Participant chooses to enter or remain in a location before or after participation in the Program, engages in activities that are not part of the Program, or chooses voluntarily to end participation in the Program, Participant recognizes and agrees that Stanford shall not be acting as their sponsor. If and to the extent Participant may cause or sustain personal injury or other damage to themselves or others, or damage or loss to their own or others' property, Participant understands that Stanford will not be held responsible regardless of cause or fault.

**Adherence to Standards.** Participant understands and agrees to abide by all Stanford policies, rules, and regulations applicable to the Program, including without limitation Stanford's [international travel policy](https://provost.stanford.edu/2017/03/03/international-travel-policy-2/) located at <https://provost.stanford.edu/2017/03/03/international-travel-policy-2/>

Participant understands and agrees to abide by applicable laws, rules, regulations and public orders of the country, state or province, including the Centers for Disease Control and Prevention, and by all Stanford guidance and policies, rules, and regulations applicable to the Program, including without limitation Stanford's policies in the context of the Covid-19 pandemic located at: <https://healthalerts.stanford.edu/>

When traveling outside the United States, Participant is solely responsible for evaluating, understanding and complying with visa and entry requirements, including COVID entry requirements, and local laws of the destination location(s).

**Termination of Participation.** Participant understands that, in its sole discretion, Stanford or its representative may

terminate, without notice or cause, Participant's participation at any time, including during the Program. Such termination shall not diminish or otherwise alter Participant's obligation to make any payment required for the Program, nor shall Stanford be required to make any refund for personal expenses incurred by the Participant.

**Program Modification and Cancellation.** Stanford reserves the right to cancel or modify the Program before or during its operation for any reason

**Governing Law and Venue.** This Agreement shall be construed in accordance with, and governed by, the laws of the State of California. The parties agree to submit to jurisdiction and venue in the State Courts of Santa Clara County, California.

**Construction and Scope of Agreement** This Agreement is the only, sole, entire, and complete agreement of the parties relating in any way to the subject matter hereof. No statements, promises, or representations have been made by any party to any other, or relied upon, and no consideration has been offered or promised, other than as may be expressly provided herein. This Assumption of Risk, Release of Claims, Indemnification, and Hold Harmless and Agreement supersedes any earlier written or oral understandings or agreements between the parties. If any provision of this Agreement is held invalid, the invalidity shall not affect its other provisions.

Participant acknowledges that they have read this Assumption of Risk, Release of Claims and Hold Harmless Agreement, understands its meaning and effect, and agrees to be bound by its terms.

Date: \_\_\_\_\_

Participant Signature: \_\_\_\_\_

Participant's Name Printed: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of Custodial Parent or Legal Guardian (if Participant under 18): \_\_\_\_\_

Custodial Parent or Legal Guardian Name Printed: \_\_\_\_\_

**Medical Information,  
Consent for Emergency Medical Treatment &  
Emergency Contact Information Form**

**Participant Name** \_\_\_\_\_

**Date of Birth** \_\_\_\_\_

**Medical Insurance**

Is the participant covered by medical/hospital insurance? ☐ Yes ☐ No

If so, list the policy/group number:

Carrier Name \_\_\_\_\_

Name of Insured \_\_\_\_\_

Relationship of Insured to Participant \_\_\_\_\_

**Medical Information**

Primary Care Physician \_\_\_\_\_

Phone \_\_\_\_\_

Address \_\_\_\_\_

City, State and Zip Code \_\_\_\_\_

Does the participant have any chronic or acute medical conditions that would require any accommodation to permit participation in the program/activity? ☐ Yes ☐ No

If yes, please explain.

Please list any medications that would need to be administered to participant in case of an emergency.

Please list any allergies to medications, food, pollen, insect bites, etc. and/or other dietary restrictions, and indicate if participant carries an EpiPen for allergic reactions.

Please list any other special needs or medical issues that would be important for caregivers to know about in case of an emergency.

Participant Home Phone \_\_\_\_\_

Participant Cell Phone \_\_\_\_\_

**In Case of Emergency, Please Notify**

Primary Contact's Name \_\_\_\_\_

City \_\_\_\_\_

Relationship ☐ Parent ☐ Legal Guardian ☐ Sibling

☐ Other, describe \_\_\_\_\_

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Email Address \_\_\_\_\_

**AND/OR**

Secondary Contact's Name \_\_\_\_\_

City \_\_\_\_\_

Relationship ☐ Parent ☐ Legal Guardian ☐ Sibling

☐ Other, describe \_\_\_\_\_

Home Phone \_\_\_\_\_ Alternate Phone \_\_\_\_\_

Email Address \_\_\_\_\_

### **Consent for Emergency Medical Treatment**

I hereby give consent to Stanford University to obtain all emergency medical care under whatever conditions are necessary to preserve the life, limb or wellbeing of the Participant named above.

### **Participant Signature**

Date \_\_\_\_\_

### **Parent/Legal Guardian Signature**

(If parent/guardian's plan covers the participant or if participant is under 18 years old at the start of the program/activity)

Signature \_\_\_\_\_

Date \_\_\_\_\_

Parent/Guardian Name Printed \_\_\_\_\_