



## **My MITES Summer Experience**

**Alex Lin (6/22-8/1)**

# Who Am I?

## Background

Senior @ FCHS  
Asian-American

Immigrant Parents  
& Family  
Restaurant



## Accolades

AP Scholar w/Dist  
National 1st-gen  
NMSQT (220)  
Academic All-State  
Rising Star of Indiana  
Top Scholar  
All A Honor Rolls  
Current Valedictorian

## Extracurriculars

Cross Country &  
Track | MAT | Interact  
Club | NHS | AI Intern

AP Scholar with Distinction



Congratulations! You've earned the AP  
Scholar with Distinction Award.

[Learn about this award](#)

# What is MITES?

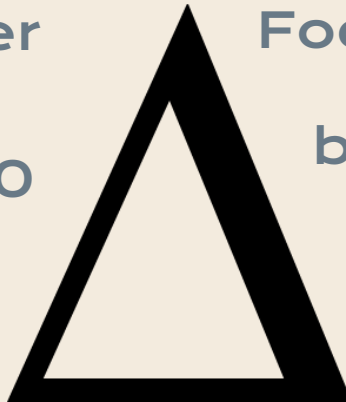
MITES = MIT Introduction  
to Technology,  
Engineering, and  
Science

6-week fully-funded  
residential summer  
program at MIT

Accepted 65/5500  
applicants (~1%)

Targeted towards high  
achieving, rising  
seniors w/ STEM,  
leadership, &  
community experience

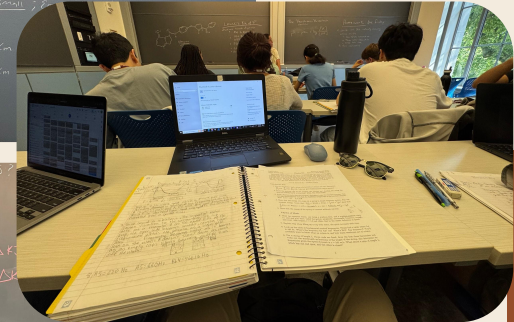
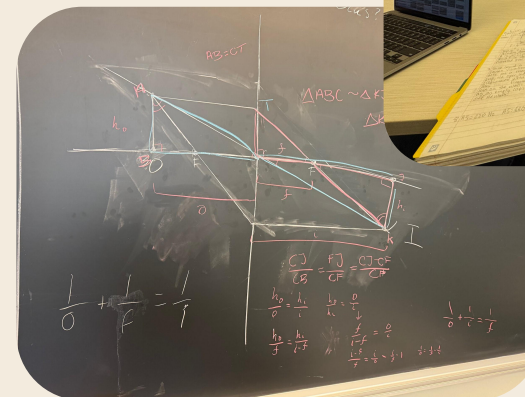
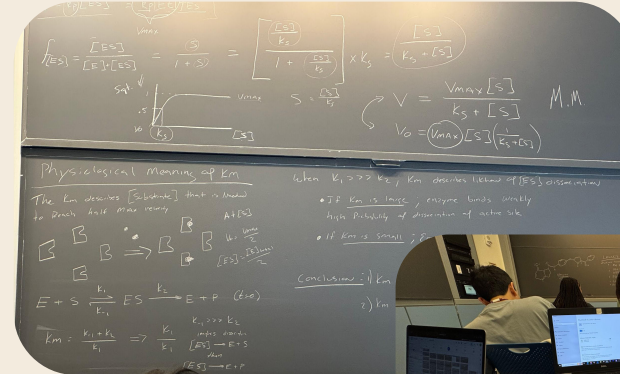
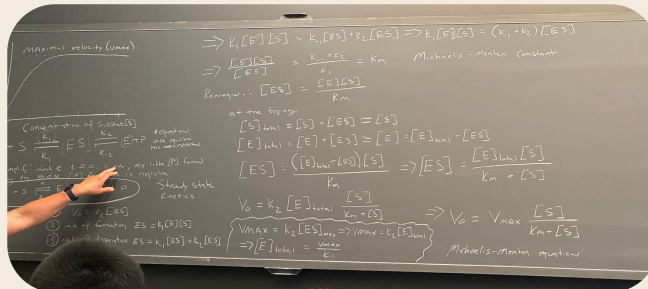
Focused on diverse and  
underrepresented  
backgrounds across  
the country



# Academic Life

STEM classes  
(Biochem, Multivariable  
Calc, Physics) +  
Humanities & Project  
Courses

Recitations, labs, and  
weekly office hours for  
extra support





# Key Seminars & Workshops

Growth Mindset,  
Scholarship &  
Financial Aid,  
College Fair

Diversity & identity  
workshops, industry guest  
speakers w/aerospace &  
BOSE engineers





# Tours & Site Visits

MIT Campus, Koch  
Institute, MIT Museum,  
Media Lab, Chinatown,  
Harvard Square,  
Newbury Street



# Community-Building Events

Cluster  
Competitions  
(jeopardy,  
making videos,  
engineering  
challenges)



Scavenger Hunt in  
Boston, Game  
Nights, Beach  
Trip, Dinner  
Dance, Talent  
Show





# Capstone Presentations

## Symposium:

STEM research  
project showcase

## Humanities Conference:

Social impact project  
presentations



|       | SUN<br>20  | MON<br>21                                   | TUE<br>22  | WED<br>23                                   | THU<br>24   | FRI<br>25                      | SAT<br>26   |
|-------|--|---|--|---|---|--------------------------------|---|
| MT-04 |  | Humanities HW Due                           | Calculus PSet Due  | Life Science HW Due                         | Physics P-Set Due<br>Assignment: Problem Set 5        | 50th Celebration               |   |
| 9 AM  |  | Life Science Courses<br>9 – 10:30am         | Humanities Courses<br>9 – 10:30am  | Life Science Courses<br>9 – 10:30am         | Humanities Courses<br>9 – 10:30am                     | Symposium<br>9am – 5pm         |   |
| 10 AM |  |   |  |   |   |                                |   |
| 11 AM |  | Calculus Courses<br>10:45am – 12:15pm       | MITES Community Meeting<br>10:45am – 12:15pm<br>W20-307 (Mezzanine Lounge) | Calculus Courses<br>10:45am – 12:15pm       | Writing Tutorial<br>10:45 – 11:45am                   |                                |   |
| 12 PM |  |   |  |   |   |                                |   |
| 1 PM  | Hum A Slides<br>12:30 – 1:30pm                               | Lunch (independently)<br>12:15 – 1:15pm     | Lunch (independently)<br>12:15 – 1:15pm                                    | Lunch (independently)<br>12:15 – 1:15pm     | Lunch (independently)<br>12:15 – 1:15pm               |                                | MITES 50th Luncheon<br>12 – 2pm                                     |
| 2 PM  | Symposium Walk Through<br>1:30 – 3pm<br>New Vassar Mezzanine | Physics Courses<br>1:15 – 2:45pm            | Bose Panel<br>1:30pm, 6-120  | Physics Courses<br>1:15 – 2:45pm            | Life Science Recitations<br>1:15 – 2:15pm             |                                |   |
| 3 PM  |  | Project Cours<br>3 – 5pm                    | Scholarships Workshop & Panel<br>3 – 4:30pm<br>6-120                       | Project Cours<br>3 – 5pm                    | Physics Recitations<br>2:30 – 3:30pm                  |                                |   |
| 4 PM  |  | Data Science<br>w/ AIML<br>3 – 5pm<br>5-134 |  | Data Science<br>w/ AIML<br>3 – 5pm<br>5-134 | Calculus Recitations<br>3:45 – 4:45pm                 |                                |   |
| 5 PM  |  | Project Course OH<br>5 – 6pm                | Admission Counseling<br>5 – 6pm  | Project Course OH<br>5 – 6pm                | Dinner<br>5 – 7pm                                     |                                | MITES 50th Gala<br>5 – 7:45pm<br>Marriot                            |
| 6 PM  |  | Dinner<br>6 – 7pm                           | Dinner<br>6 – 7pm  | Dinner<br>6 – 7pm                           |   |                                |   |
| 7 PM  |  |   |  |   |   |                                |   |
| 8 PM  |  |   | Life Sciences OH<br>7:30pm, New Vassar                                     | Life Sciences OH<br>7:30pm, New Vassar      | Symposium Preparation<br>7:30 – 11:59pm<br>New Vassar |                                | Golden Jubilee (Dinner Dance)<br>7:45 – 9:30pm<br>La Sala (W20-202) |
| 9 PM  |  |   | Physics OH<br>8:45pm, New Vassar / virtual                                 | Physics OH<br>8:45pm, New Vassar / virtual  |   |                                |   |
| 10 PM | Warm Body Check (Curfew), 9:30                               | Warm Body Check (Curfew), 9:30              | Warm Body Check (Curfew), 9:30   | Warm Body Check (Curfew), 9:30              |   |                                |   |
|       |  |   | Calculus OH<br>10pm, New Vassar  | Calculus OH<br>10pm, New Vassar             |   |                                |   |
| 11 PM |  |   |  |   |   |                                |   |
|       |  |   |  | Assignment: Problem Set 4, 11:5             | Warm Body Check (Curfew), 11:5                        | Warm Body Check (Curfew), 11:5 | Warm Body Check (Curfew), 11:5                                      |



# Keynote Speakers

**Eboney Hearn (Executive Director)** – story of resilience and achievement

**Dale LeFebvre** – 50+ patents, MITES alum, entrepreneur

**Dr. Aprille Joy Ericsson** – led a \$2.1 billion enterprise in quantum, biotech

**Dr. Grace E. Colón** – \$120 million raised as CEO of Incarda Therapeutics





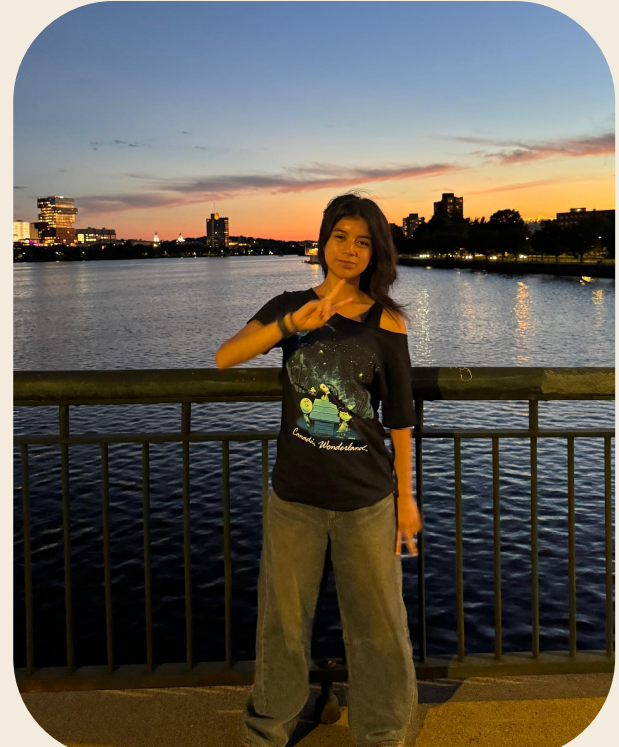
# One Story. Many Lives.

A Hispanic scholar & fellow runner  
from Watsonville, CA

Hardest working individual at the  
program

“When seniors wish they had a ‘good  
story’ like us for college essays...  
that’s just **trauma** being gentrified.”

Reality: We’re still kids, but we are  
already carrying the weight of deep  
societal inequities.





# Imparted Lessons

Diversity isn't just a checkbox ->  
it's fuel for growth



Hard work doesn't always get recognition ->  
Defining characteristic of a trailblazer

Access changes everything: resources,  
mentorship, opportunity

I want to be the person I needed when I was  
a bright-eyed freshman

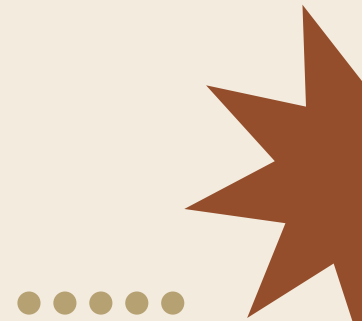
# My Question for You

How can we **create** pathways here for students like me?

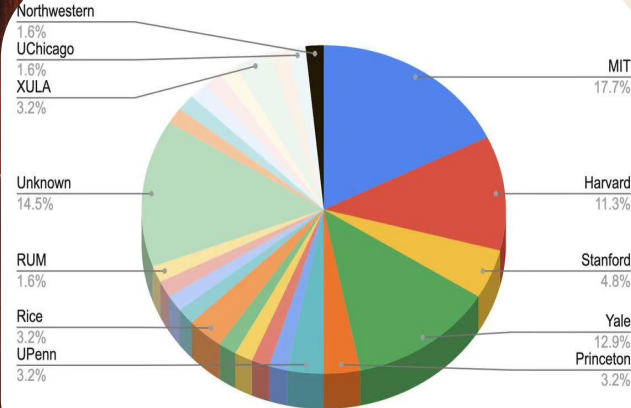


How do we make sure talent and potential aren't lost because of lack of **access** or knowledge?

How do we **inspire** the next generation of underrepresented voices?



# Thank You Questions?



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