

LUMIERE RESEARCH SCHOLAR PROGRAM





Founded by Harvard & Oxford researchers, the Lumiere Research Scholar Program is a mentored research program for talented students. In the program, students work 1-1 with a researcher from a top university to produce an independent research project.

WE HELP STUDENTS



Create an
independent
research paper



Stand out in the
admissions
process



Build relationships
with PhD
researchers from
top universities



Receive credit
from UC San Diego
Extension



LUMIERE BY THE NUMBERS

2024-2025 ACADEMIC YEAR

9500+

Applications

2200+

Mentors

23000+

Mentoring hours

143

Countries

\$760,000+

In financial aid

AVAILABLE AREAS FOR RESEARCH

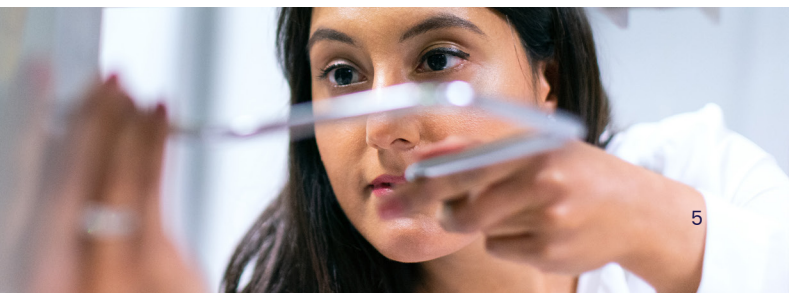
STEM

- | | | | |
|---|--|---|--|
| <ul style="list-style-type: none">• Data Science• Physics & Astrophysics• Biology | <ul style="list-style-type: none">• Computer Science• Neuroscience• Medicine | <ul style="list-style-type: none">• Chemistry• Engineering• Mathematics | <ul style="list-style-type: none">• Architecture |
|---|--|---|--|

HUMANITIES AND SOCIAL SCIENCES

- | | | | |
|---|--|--|--|
| <ul style="list-style-type: none">• Economics• Psychology• Business | <ul style="list-style-type: none">• International Relations• Environment Studies• Gender Studies | <ul style="list-style-type: none">• History• Philosophy• Education | <ul style="list-style-type: none">• Classics• Law• Linguistics• Sociology |
|---|--|--|--|

- * Please check **application form** for updated list of topics for the topic focused program
- * Students will also be able to customize their own research topic, if not currently available in the above offerings
- * We're happy to support students on interdisciplinary research topics that combine one or more subjects as well!



OUR MENTORS

Lumiere has **2200+** mentors from top universities



EXAMPLE MENTOR PROFILES



CAITLIN NICHOLS

HARVARD UNIVERSITY
PhD in Biological and
Biomedical Science

SPECIALIZATION
Cancer Genetics,
CRISPR Gene Editing,
Molecular Biology



PRAISE OWOYEMI
**UNIVERSITY OF CALIFORNIA,
LOS ANGELES**

PhD student in Clinical
Psychology
SPECIALIZATION
Psycho-oncology, Clinical
Psychology, Health
Psychology



BHARGAV GOPAL
COLUMBIA UNIVERSITY

PhD in Economics
SPECIALIZATION
Labor Economics, Law
and Economics,
Applied Statistics



SANAH BHIMANI

YALE UNIVERSITY
PhD candidate in Physics

SPECIALIZATION
Cosmology (Evolution of
the Universe), Exoplanet
Data Analysis



SAMUEL LEITER

MIT UNIVERSITY
PhD candidate in
International Affairs

SPECIALIZATION
Nuclear Proliferation,
Preventive War, East Asian
Security, Alliance Politics

EXAMPLE PROFESSOR PROFILES



ROBERT LYON

Field: Business, Entrepreneurship, & Strategy 

Current school teaching at
New York University

University of PHD/ Last Degree
New York University

Specific Field

Issues and ideas at nexus of business and society.
Sustainability, next generation economic modalities, circular economy, attention economy, environmental economics



SHOBHANA MURAL STOYANOV

Field: Mathematics 

Current school teaching at
University of California, Berkeley

University of PHD/ Last Degree
Georgia Institute of Technology

Specific Field

Statistics



ALEXEI PARAKHONYAK

Field: Economics 

Current school teaching at
University of Oxford

University of PHD/ Last Degree
Erasmus University Rotterdam

Specific Field

Game Theory, Industrial Organization, Competition Policy,
Economics of Platforms



BRENDA RUBENSTEIN

Field: Physics & Astrophysics 

Current school teaching at
Brown University

University of PHD/ Last Degree
Columbia University

Specific Field

The quantum mechanics and quantum computing of molecules, data science for chemical and materials discovery, biomolecular simulation



YARROW DUNHAM

Field: Psychology 

Current school teaching at
Yale University

University of PHD/ Last Degree
Harvard University

Specific Field

Social psychology, developmental, psychology, cultural psychology, quantitative methods in the social sciences



RICHARD E PAYNE

Field: History & Civilisations 

Current school teaching at
University of Chicago

University of PHD/ Last Degree
Princeton University

Specific Field

Ancient and Medieval History (Greece, Rome, the Middle East/Islamic, Silk Road)

PROGRAMS OFFERED	 INDIVIDUAL RESEARCH PROGRAM	 PREMIUM RESEARCH & PUBLICATION PROGRAM	 LUMIERE RESEARCH FELLOWSHIP	 PROFESSOR PREMIUM PUBLICATION PROGRAM
Individual sessions with mentor	9	15	30	10
Individual sessions with writing coach	2	4	6-8	4
Individual sessions with publication specialist	-	4	4	4
Program oversight from Lumiere program manager	✓	✓	✓	✓
Mentor type	PhD fellow and post-doc	PhD fellow and post-doc	PhD fellow and post-doc	Professors from Top 20 universities
Goal output	College-level academic paper	Publication in high-school or college-level journal*	Highly selective research competition or publication*	Publication in high-school or college-level journal*
Cost & Duration *US Dollar	\$3190 USD 12 weeks	\$6450 USD 3-4 months research time, 1-4 months publication time	\$9900 USD 6-12 months	\$9900 USD 3-4 months research time, 1-4 months publication time

PROGRAM TIMELINE

* This is the timeline for our **Individual and Premium Research programs**. The Lumiere Fellowship will have a distinct extended timeline.



Week 1: Meet with mentor and align on a topic



Week 2-4: Explore the topic and identify research question



Week 5-9: Write research paper with support from research mentor and writing coach



Week 10-12: Make final edits and submit paper for final evaluation



After week 12: Graduation ceremony and symposium! Students in the Premium Research and Publication Program will continue to meet with their mentor and submit their paper to a journal for publication

Opt to receive 3 units of post-baccalaureate credit from UCSD Extended Studies at the end of the program.

SELECTED STUDENT PROFILES



OJAS GUPTA



ALEXANDRA GIULIANI



IDA THERESE PRESTEGÅRD HØVIK

SCHOOL: Lynbrook High School

RESEARCH TOPIC:

Exploring the role of Humanin as a potential preventative and therapeutic in Alzheimer's disease.

LUMIERE EXPERIENCE:

"Lumiere paired me up with the perfect mentor, who helped me turn my ambitions of doing research in biology into a reality. The program schedule was extremely flexible, and helped me create two separate projects in our time together. Lumiere and my mentor helped me create concrete projects around my passions and have empowered me to keep pushing the boundaries of science."

Ojas was the winner of the MIT THINK competition, where he submitted his Lumiere research project.

SCHOOL: International School of Monaco

RESEARCH TOPIC:

Cancer mRNA Vaccines as a Promising Approach for Treating Luminal A Breast Cancer.

LUMIERE EXPERIENCE:

"With the support of the Lumiere team and my mentor, Dr. Daniel Wilson, I wrote a paper that proposes new possibilities for breast cancer treatments. My project has now led me to get more hands-on experience in the field of cancer research, and I'm excited to be interning this summer in a lab at the Boston Children's Hospital and Harvard Medical School."

Alexandra's Lumiere research paper will be published in the International Journal of High School Research this year.

UNIVERSITY: Yonsei University

RESEARCH TOPIC:

Holding Transnational Corporations to Account: A Comparative Analysis.

LUMIERE EXPERIENCE:

"I am in my final year of university, and am currently writing a second bachelor thesis, while also conducting research together with a professor. I thank Lumiere for providing such a comprehensive program through which we could explore and conduct research of our own. My research mentor was such a pleasure to work with. She provided helpful advice and feedback, while also successfully keeping me from straying too far from my topic when I carried out my research. These meetings combined with the various workshops and many available resources, such as the writing center, made the Lumiere program an unforgettable experience."

Ida's Lumiere research paper was published in the Yale Review of International Studies.

SELECTED STUDENT PROFILES



LILY ASHRAF



RIYA MAIYA



THÉO ABRAMO

UNIVERSITIES ACCEPTED TO:

Princeton University

RESEARCH TOPIC:

How can the standard model of particle physics be consistently extended to include additional light-matter fields, and how might such fields explain dark matter?

LUMIERE EXPERIENCE:

“Lumiere truly helped me a lot! The admissions office at Princeton called my mentor and asked him questions about me. Because the university values research a lot, I got in! Thank you so much because with this program and this chance I would never ever be able to attend and get a full ride.”

UNIVERSITIES ACCEPTED TO:

University of Pennsylvania

RESEARCH TOPIC:

What were the initial conditions of the universe that permitted the growth of the structures we see today?

LUMIERE EXPERIENCE:

“I touched on my experience at Lumiere when explaining my previous background with the subject I was applying for, to show demonstrated interest. I also used the recommendation letter to apply to all the universities. I was accepted ED into Penn, and I’m so so happy about it (it was my top choice), and I couldn’t have gotten here without your help. The Lumiere Team really helped me narrow down exactly what I was interested in, learn more about it, and gave me a great experience to showcase to universities.”

UNIVERSITIES ACCEPTED TO:

University of California at Berkeley

RESEARCH TOPIC:

The impact of USA’s and China’s AI advancement on the European market, and its role in reshaping global power dynamics

LUMIERE EXPERIENCE:

“Alongside the guidance of my mentor, an MIT Political Science Ph.D. candidate, I published a paper exploring the US-China-EU tripartite relationship in the realms of artificial intelligence. Thanks to Lumiere’s incredibly flexible program, I was able to have weekly meetings with my mentor and take part in other Lumiere workshops while still balancing my other engagements in school. Lumiere has made navigating the complex world of academia an amazing experience and would recommend it to any motivated student.”

PUBLICATIONS AND COMPETITIONS

Lumiere alumni have been published in top high school and college-level journals and excelled at competitions. Here are some of their successes!



OJAS

“Exploring the role of humanin as a potential preventative and therapeutic in Alzheimer’s disease”

Winner of MIT THINK competition



SALIL

“To what extent have emerging social movements caused politicians to respond with effective social change?”

Winner of LSE Undergraduate Political Review’s Annual Essay Competition



IDA

“Holding Transnational Corporations to Account: A Comparative Analysis”

Published in The Yale Review of International Studies



JUSTIN

“What public political attitudes make countries prone to democratic backsliding?”

Featured on the Brown Journal of World Affairs podcast



ANNA

“How the CRISPR–Cas9 Gene Editing Complex Can Be Used to Treat Human ImmunodeficiencyVirus 1 and Sickle Cell Disease with Immune Cell Therapies and Genetic Engineering with Insight Into its Societal Impacts”

Published in Intersect: The Stanford Journal of Science, Technology, and Society



SHAUNAK

“Using Neural Networks to Accurately predict Electrical energy within Point–Absorbers”

ISEF Regeneron national finalist; first place in regional ISEF fair

LUMIERE ALUMNI AND COLLEGE ADMISSIONS

In the class of 2029, Lumiere scholars had a college acceptance rate of **33%**, while the overall acceptance rate was **12.4%**. They received acceptances from 100+ universities, including:



8

HARVARD
UNIVERSITY

acceptances



10

CORNELL
UNIVERSITY

acceptances



5

BROWN
UNIVERSITY

acceptances



2

COLUMBIA
UNIVERSITY

acceptances



2

YALE
UNIVERSITY

acceptances



1

STANFORD
UNIVERSITY

acceptances



5

DUKE
UNIVERSITY

acceptances



8

UNIVERSITY OF
PENNSYLVANIA

acceptances

We analyzed early admissions results from 379 Lumiere Research Scholar students—comparing their outcomes to the general applicant pool to see how independent research helps students stand out in college applications. We found that students who included their Lumiere research projects in their college applications were **2.9x** more likely to receive an acceptance!



Students that did the Lumiere Research Scholar Program through the help of our financial aid program got into Princeton, Dartmouth and the University of Pennsylvania (with significant financial aid offers).



Lumiere alumni received scholarships worth more than an estimated 1 million USD such as the Trustee Scholarship at the University of Southern California (full ride), full scholarships to the University of Toronto, the Zollman Scholarship at Smith College (college's highest scholarship) and the Presidential Scholarship at Bryn Mawr College.

LUMIERE RESEARCH INCLUSION FOUNDATION

In 2022, we officially launched a 501(c)(3) non-profit, the Lumiere Research Inclusion Foundation, that provides free high-quality research opportunities to talented, financially disadvantaged students.

What We Do

At the Foundation, we pair talented high school students with volunteer PhD mentors to do the Individual Research Program at no cost.

Our Impact

63

Countries



5000+

Applications in the
past year



350

Students supported
through aid



I hope that you can join us on this journey - if you work with talented students from low-income backgrounds, please get in touch with us!

Here is the application form to become a Breakthrough Scholar at the Lumiere Research Inclusion Foundation:
<https://bit.ly/LumiereFoundationApplication>

You can find more information on our website:
<https://lumiere.foundation/>

JUNIOR EXPLORER PROGRAM

An 8-week program for middle school students to explore their academic interests while building a project they are passionate about



WEEKS 1-4

Explore 4 different topics in selected track

WEEKS 5-6

Deep dive into one topic area and define your project

WEEKS 6-8

Build your project with support from the mentor

OUR PROGRAM

Program goal	Explore an academic field with an expert and build a unique project.
Structure	Weekly 1-1 virtual sessions with a mentor
Duration	8 weeks
Student profile	Grades 6-8
Pre-requisites	No prior experience required
Output	High school level project
Cost	\$2690 Financial aid is available

APPLICATION DEADLINE & PROGRAM DATES

WINTER II 2025

 **Application Deadline**
December 28th, 2025

 **Cohort Timing**
January 19th, 2026

SPRING 2026

 **Application Deadline**
February 8th, 2026

 **Cohort Timing**
March 2nd, 2026

SUMMER 2026

 **Application Deadline**
Early Admission:
8 February 2026
Priority Admission:
8 March 2026
Regular Admission 1:
13 April 2026
Regular Admission 2:
10 May 2026

 **Cohort Timing**
1 June 2026

SUMMER II 2026

 **Application Deadline**
21 June 2026

 **Cohort Timing**
13 July 2026

APPLICATION TIMELINE



Application:
Fill out an online
application before the
deadline



Interview:
Shortlisted students
will be scheduled for
an interview



Mentor Match:
Selected students
will be matched with
a mentor in their area
of research interest



Start the program!





To learn more or schedule a private info session, please reach out to us at **contact@lumiere.education**

🌐 www.lumiere-education.com

🐦 [@lumiere_edu_](https://twitter.com/lumiere_edu_)

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