

# Yale summer research opportunities

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# Steps to conduct summer research at Yale

1. Are you sure you want to do independent research this summer at Yale? If yes...
2. Find a Yale research mentor
3. Apply for a summer fellowship
4. Work in a lab

**Please use the SC/QR website!**

<https://science.yalecollege.yale.edu/>

Instagram @yalesqr

# Pathways to Yale Summer Research for First Years

First Year  
Summer  
Fellowship  
(89)

STARS  
Summer  
(30)

Summer  
Experiential  
Award  
(70)

Yale Summer  
Session  
Independent  
Research class

PBR  
(15)

PRPMS  
(15)



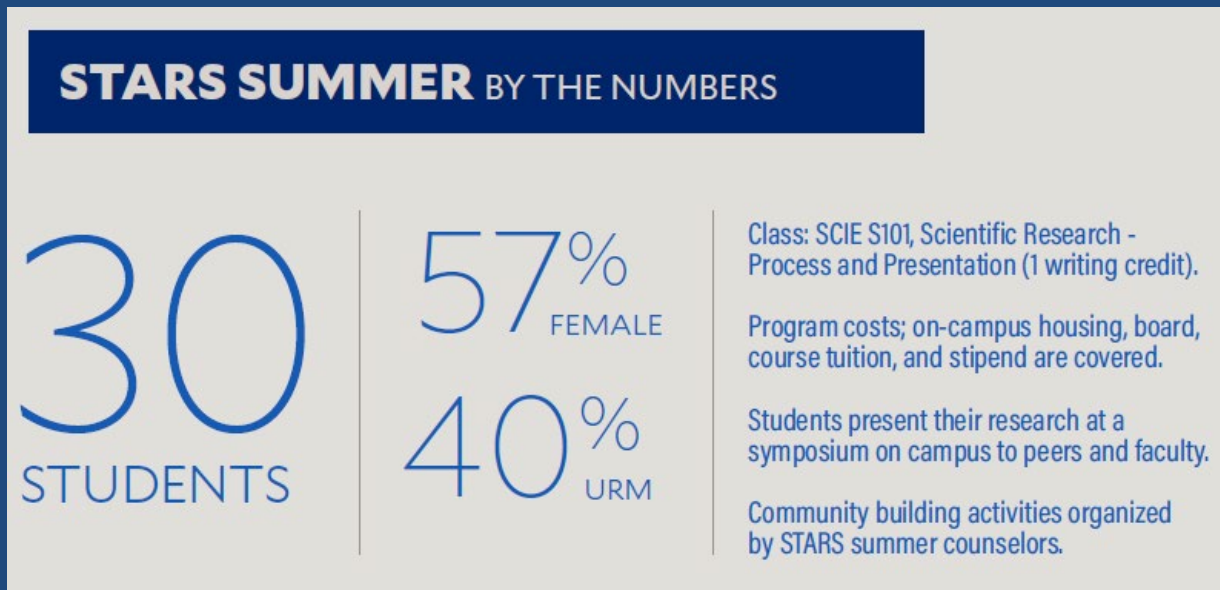
Summer research at Yale

# Yale College First Year Summer Research Fellowships

- Everyone encouraged to apply-no prior research experience required.
- 10 weeks of independent research with Yale faculty.
- Fellowships pay \$5,000. Can apply for a Richter from your Res College to get a total of \$6,000.
- All basic science, CS, engineering research are eligible.
- ~95% of applicants receive funding.

# STARS Summer

- 9-weeks of independent research with a Yale faculty
- SCIE 101 course on scientific communication (1 WR credit)
- Social events (weekend trips to CT attractions)
- Stipend (\$2,500), tuition, and room and board provided



# Pathways to Yale Summer Research for Second and Third Years

Deans/Rosenfield  
Summer  
Fellowship  
(56)



Tetelman  
Fellowship  
(16)



Summer  
Experiential  
Award  
(40)



Yale Summer  
Session  
Independent  
Research class



Summer research at Yale

# Yale College Dean's and Rosenfeld Research Fellowships

- Supports sophomores and juniors doing basic science research in Yale labs.
- 10 weeks of independent science research with Yale faculty.
- \$5,000 stipend. Students can apply for a Richter for an additional \$1,000.
- Rosenfeld scholars also receive \$2,000 to present their research findings at national meetings
- ~90% of all sophomores and juniors receive funding.



# Tetelman Summer International Fellowship

- Supports 10-week long STEM based summer research fellowships conducted overseas
- Students identify a research mentor in a foreign institution and submit a proposal
- Up to \$7,000 provided per fellowship
- Only sophomores and juniors with some research experiences should apply

# Yale Summer Experience Awards

- Supports all students on financial aid. Not competitive!
- Summer research fellowship in any discipline-you can work on research topics NOT covered by SC/QR fellowships, like clinical research
- \$4,000 to do 8 weeks of research anywhere in the USA. \$6,000 for international research
- I suggest that you save this and use in your sophomore or junior summer

# How do you find the “right” research mentor?

What do you hope to get out of your research experience?

What do you expect of your mentor(s)?

What do your mentor(s) expect of you?

# How do you find the “right” research mentor (PI)?

You will encounter many mentors in your scientific career.  
There is not one “right” mentor, just the right one for you.

You have to do some work to find a mentor  
Look at SC/QR Student Resources section  
Look at Dept. websites  
Look to senior undergrads for advice

Area of scientific interest matters much less than quality of a mentor

# How do you find the “right” research mentor: questions to consider

Consider the scientific system the PI works on:

Simple model organisms

(bacteria/yeast/flies/worms/cells) generally easier to generate data from than mice/primates.

Consider the PI’s track records with past undergrads-ask the PI for a list of undergrads who worked in his/her labs.

Will the PI be around over the summer?

Will the PI assign me to a daily mentor who will get along with me?

# Yale-Belgium International Summer Research Program

Summer research in physical sciences and engineering in UC Louvain School of Engineering

- Apply for the Tetelman fellowship to go to UCL and work with a UCL faculty in Belgium.
- Research opportunities in engineering, computational vision research, condensed matter science and nanoscience
- Looking for 4-5 sophomores/juniors to participate
- E-mail me ASAP if you are interested

# 2024 Summer research timeline

- Nov/Dec: Start looking for potential Yale mentors
- Jan 2024: finalize lab mentor
- Feb 2024: start working with your mentor on your grant proposal
- Feb 9: STARS Summer application due (only mentor rec letter needed, research proposal not required)
- March 6: First Year Summer Fellowship application due
- Feb 22: Dean's Fellowship application due
- Feb 29: Tetelman Fellowship application due
- April 1: SEA application due