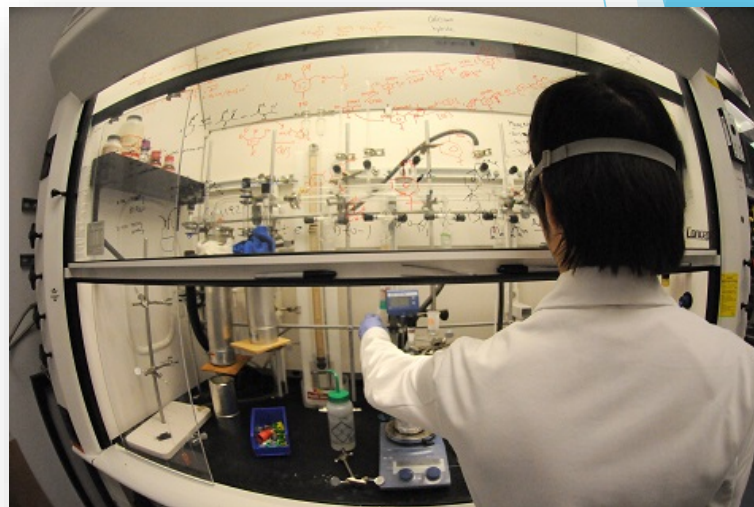


# 2019 Amgen Scholars and WAVE Fellows Webinar



Caltech

Student-Faculty Programs Office  
[www.sfp.caltech.edu](http://www.sfp.caltech.edu)

# Who are we?

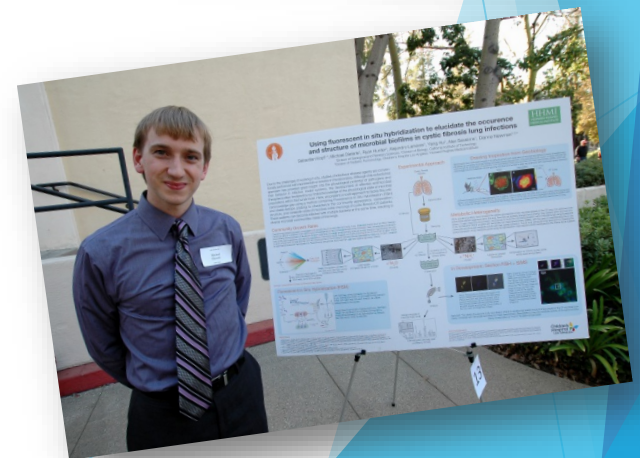
Maria Manzanares

- ▶ Assistant Director



# Introduction

- ▶ Overview of the Amgen Scholars Program and WAVE Fellows
- ▶ The application process
- ▶ Important Dates
- ▶ Questions/Chat



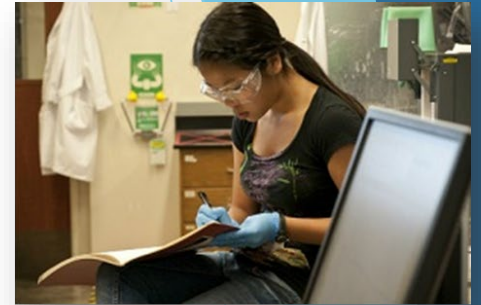
# National Amgen Scholars Program

- ▶ Amgen Scholar sites (<https://amgenscholars.com/>)
  - ▶ Caltech
  - ▶ Columbia/Barnard
  - ▶ Duke
  - ▶ Harvard
  - ▶ Johns Hopkins
  - ▶ NIH
  - ▶ Stanford
  - ▶ UC Berkeley, UCLA, UCSF
  - ▶ UT Southwest Medical Center
  - ▶ Washington University, St. Louis
  - ▶ Yale
- ▶ 4 sites in Asia



# ASP-Who can apply?

- ▶ Be sophomores (with at least 4 quarters or 3 semesters of college course work), juniors, or non-graduating seniors attending 4-year colleges or universities in US, Puerto Rico, other US territories
- ▶ Have a cumulative GPA of at least 3.2
- ▶ Be US citizens or permanent residents or have DACA status
- ▶ Have an interest in pursuing a PhD or joint MD/PhD
- ▶ Students who have already been an Amgen Scholar are not eligible.





# ASP at Caltech

- ▶ Open to 15 students
- ▶ Focus on research in an academic setting in biology, chemistry, and bio-technology related fields
- ▶ Introduction to the world of biotechnology
- ▶ Graduate school preparation
- ▶ Amgen Council



# ASP-Overview of the Program

- ▶ A full-time commitment
  - ▶ All Amgen Scholars MUST begin on Monday, June 15
  - ▶ All Amgen Scholars MUST live in provided campus housing
- ▶ Educational requirements:
  - ▶ Interim reports, abstract, final paper, final presentation
- ▶ ASP Summer symposium in July
- ▶ Weekly seminars



# ASP-Compensation

- ▶ Amgen Scholars receive a \$6,420 stipend for the ten-week period.
- ▶ Housing (on-campus housing required) and travel costs are covered.





# ASP- Overview of Application Process

- ▶ Based on grant-seeking process
- ▶ Identify a mentor
- ▶ Submit:
  - ▶ an application
  - ▶ a short essay on your research interests and the project
  - ▶ three letters of recommendation (not from your possible mentor)
  - ▶ an unofficial transcript



# WAVE Fellows- Our Mission

- ▶ Caltech's WAVE Fellows Program aims to foster diversity by increasing the participation of underrepresented students in science and engineering Ph.D. programs and to make Caltech's programs more visible and accessible to students not traditionally exposed to Caltech.
- ▶ The program is extended, but not limited to
  - ▶ Underrepresented minorities
  - ▶ Women
  - ▶ First generation college students
  - ▶ Geographically underrepresented students
  - ▶ Educationally and financially disadvantaged students
  - ▶ Students with disabilities



# WF-Eligibility

- ▶ Be sophomores juniors, or non-graduating senior
- ▶ Have a cumulative GPA of at least 3.2
- ▶ Have an interest in pursuing a PhD or joint MD/PhD
- ▶ If you are interested in pursuing an MD or other professional degree, this program is not for you.
- ▶ Have prior research experience
- ▶ Must be U.S Citizen, permanent resident or have DACA status



# WF-Program at Caltech

- ▶ Open to ~20 students
- ▶ A full-time commitment
- ▶ Ten-weeks
- ▶ The program begins on Monday, June 17
- ▶ Educational requirements:
  - ▶ Interim reports, abstract, final paper, final presentation
- ▶ A smaller, cohort experience
- ▶ WAVE Council
- ▶ Focus on graduate school preparation



# WF-Compensation

- ▶ WAVE Fellows receive payments of \$6420 for 10-weeks
- ▶ Fellows also receive a \$580 travel/housing allowance.
- ▶ Caltech housing is available and we strongly encourage all Fellows to live on campus.





# WAVE and Amgen Program Highlights at Caltech

- ▶ Faculty Seminars
- ▶ Small Student-Faculty Dinners
- ▶ Various Social and Cultural Activities
- ▶ Campus Engagement with
  - ▶ Diversity Center
  - ▶ Office of Residential Experience
  - ▶ Student Activities Office
  - ▶ Graduate Office



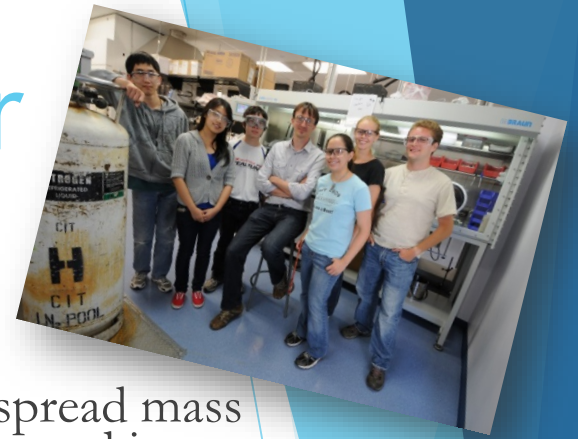
# How do I find a mentor?

- ▶ Mentors need to be a Caltech faculty member
- ▶ Announcements of Opportunity (AOs) for Amgen Scholars  
[https://www.sfp.caltech.edu/programs/amgen\\_scholars](https://www.sfp.caltech.edu/programs/amgen_scholars)
- ▶ Review 2019 Abstracts  
<https://sfp.caltech.edu/about/abstract>
- Browse the website and contact faculty of interest  
<http://www.caltech.edu/content/academic-divisions-0>
- ▶ Be sure to look outside your major, much of the research at Caltech is interdisciplinary



# Hints for finding a mentor

- ▶ Start early
- ▶ Contact multiple possible mentors at once; but don't spread mass emails. Pursue only research groups you are truly interested in.
- ▶ **DON'T RELY ON EMAIL!**
  - ▶ If you are close to Caltech, visit their office.
  - ▶ Call as a follow-up to an email.
  - ▶ CC the administrative assistant on all emails.
- ▶ Contact the faculty's administrative assistant for help in setting a meeting.
- ▶ Contact a graduate student or postdoc in the group to learn more about the group.
- ▶ Use who you know.
- ▶ If you are having difficulty, contact the Student-Faculty Programs (SFP) office--early.
- ▶ Be assertive yet professional!



# The Application

- ▶ Who you are, where you live
- ▶ Courses you've taken or will take
- ▶ Extracurricular activities
- ▶ Prizes and awards
- ▶ How this project fits into academic/career goals
- ▶ Anything else you want to tell us



# Letters of Recommendation

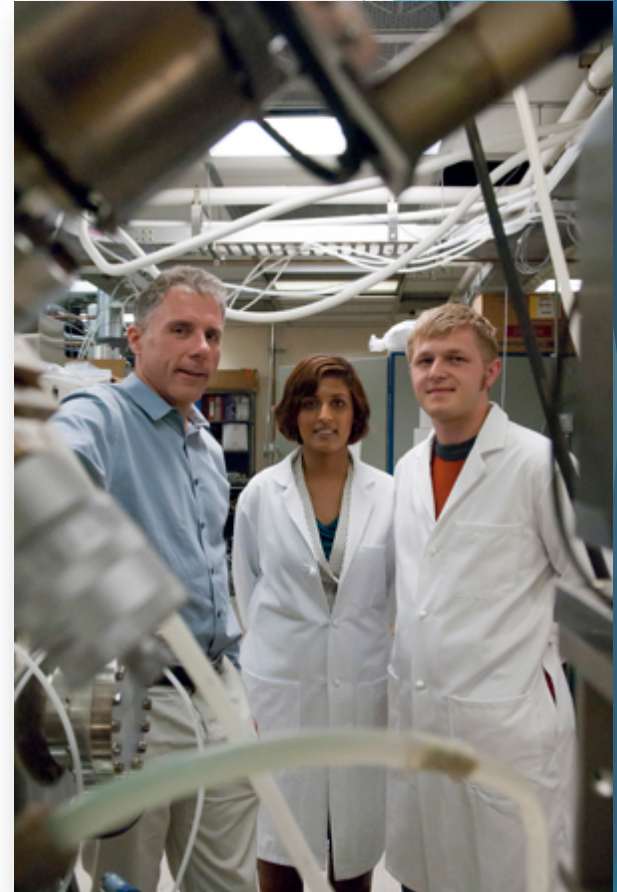
- ❑ Three confidential letters of recommendation, at least two from a faculty member at your home institution or a research mentor (who is not your prospective ASP mentor).
- ❑ The other could be from someone else in your campus community who knows you well





# ASP-The Mentor Recommendation

- ▶ Your prospective mentor will submit the mentor recommendation online after you submit your application.



# Timeline

Now-January	Identify potential mentors
January 12	WAVE applications/recommendations due
Feb. 15	ASP application/recommendations due
Late Feb	WAVE awards are announced (rolling basis)
March 15	ASP awards are announced
June 15	ASP and WAVE begins
Mid-July	ASP Summer Symposium
August 21	ASP and WAVE ends



# Websites

[http://www.sfp.caltech.edu/programs/amgen\\_scholars](http://www.sfp.caltech.edu/programs/amgen_scholars)

<https://sfp.caltech.edu/programs/wavefellows>



# How to Reach Us

URL: [www.sfp.caltech.edu](http://www.sfp.caltech.edu)

E-mail: [sfp@caltech.edu](mailto:sfp@caltech.edu)

Phone: 626-395-2885

Office: Caltech

1200 E. California Blvd  
MC 1-122

315 S. Wilson Ave