

# AMGEN-UROP SCHOLARS PROGRAM

## An Undergraduate Summer Research Program in Science and Biotechnology

### Information for Students (Not Attending MIT)

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The Amgen-UROP Scholars Program invites undergraduates to participate in faculty-mentored summer research in MIT laboratories. Similar in educational mission to MIT's longstanding Undergraduate Research Opportunities Program (UROP), this intensive nine-week program is focused on cultivating and supporting partnerships between MIT faculty and undergraduates in the science and biotechnology areas. Students indicating a strong desire to engage in research collaborations within these areas will be selected from colleges and universities from around the U.S., as well as the MIT undergraduate population.

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### Inspiring the Scientists of Tomorrow

Objectives of the Amgen-UROP Scholars Program:

- Foster a passion for science and biotechnology by engaging students in first rate research experiences in MIT laboratories
  - Increase learning and networking opportunities for students
  - Encourage student pursuit of graduate studies and careers in scientific research
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### Creating Learning and Networking Opportunities

Students participating as Amgen Scholars will:

- Gain hands-on lab experience and contribute to the advancement of science
  - Receive guidance from MIT faculty and research scientists
  - Engage in networking activities, including faculty-led seminars
  - Participate in a mid-summer symposium on research in the biotechnology industry, held at UCLA.
  - Present at an MIT poster session culminating the summer program
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### Who Is Eligible?

Applications will be accepted from undergraduate students enrolled in four-year colleges and universities in the U.S., Puerto Rico, and other U.S. Territories.

All applicants must meet the following criteria:

- U.S. citizens or U.S. permanent residents
  - Sophomores (with 4 quarters or 3 semesters of college experience), Juniors, and non-graduating seniors who plan to continue undergraduate studies in fall 2010
  - Cumulative GPA of 3.2 or above (on a 4.0 scale)
  - An interest in pursuing graduate school, including a PhD or MD-PhD
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### How Are Student Expenses Covered?

Most expenses for visiting students will be covered by a grant from the Amgen Foundation, including housing in a designated on-campus residence, a food allowance, and competitive research pay. Travel to MIT for the beginning of the Program, as well as return travel at the Program's conclusion, is covered for visiting students, as are expenses to and from the July national symposium.

### Amgen-UROP Scholars Program QUICK FACTS

#### Program Management:

MIT Office of Undergraduate Advising and Academic Programming (UAAP)

#### Eligible MIT Research Areas:

Biological Engineering  
Biology  
Brain & Cognitive Sciences  
Center for Environmental Health Sciences  
Chemistry  
Chemical Engineering  
Clinical Research Center  
Health Sciences and Technology  
Mechanical Engineering (bioeng/biotech only)  
Picower Center for Learning and Memory

#### Program Dates:

June 7, 2010 through August 6, 2010

#### About the Amgen Foundation:

The Amgen Foundation seeks to advance science education; improve patient access to quality care; and strengthen the communities where Amgen staff members live and work. Since 1991, the Foundation has made \$130 million in grants to nonprofit organizations throughout the United States, Puerto Rico and Europe that impact society in inspiring and innovative ways, and those that provide disaster relief efforts both domestically and internationally. To learn more about the Amgen Foundation, visit the Corporate Giving section of [www.amgen.com](http://www.amgen.com).

#### Program URL:

[mit.edu/urop/amgenscholars](http://mit.edu/urop/amgenscholars)  
or  
[www.amgenscholars.com](http://www.amgenscholars.com)



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### Frequently Asked Questions

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#### 1) How long will the program run?

The program will run for 9 weeks during the summer of 2010. See *Timeline*

#### 2) How many students will the Amgen-UROP Scholars Program accept?

Up to 26 students will be accepted into the Program; approximately half will be MIT students, and half from other colleges and universities.

#### 3) How will Amgen Scholars be compensated?

Through a grant managed by the UAAP, Amgen Scholars working 40 hours per week for the nine week period will earn \$4,212, based on an hourly wage of \$11.70. In addition, a meal allowance is provided to all Scholars, and housing in a designated on-campus residence will be provided summer housing at no charge. Travel to MIT for the beginning of the Program, as well as return travel at the Program's conclusion, is covered for visiting students.

#### 4) What if I have never done research before?

The Amgen-UROP Scholars Program is open to undergraduates with or without an actual research background. All applicants should be able to demonstrate a keen interest in doing investigative work in science or biotechnology.

#### 5) What criteria is needed to be considered for acceptance to the Program?

To be considered for acceptance to the Program, applicants must meet all eligibility requirements (see front page). Admissions will be based on a number of factors, including academic background, quality of application essays and recommendations, and ability to match available spaces with student research interests.

#### 6) May I choose to work in a specific lab or with a specific faculty member?

The online application will allow you to indicate that you are interested working in specific MIT labs, or with particular faculty members. Placements in a specific area are not guaranteed.

#### 7) Will I be required to attend Program events, such as the luncheon seminars, or the July national symposium in California?

A goal of the Amgen Foundation's grant to MIT is to bring MIT students together with students from other institutions, ultimately fostering a community of undergraduate researchers with a passion for science and biotechnology. This can only be accomplished with the full participation of all Amgen Scholars, so attendance at organized events is expected. Travel expenses to and from the national symposium at UCLA will be covered by the Amgen Foundation.

#### 8) How do I get more information on the Amgen UROP Scholars Program?

Go to MIT's Amgen-UROP Scholars web page at [mit.edu/urop/amgenscholars](http://mit.edu/urop/amgenscholars), or visit the Amgen Foundation's web page at [amgenscholars.com](http://amgenscholars.com)

### Amgen-UROP Scholars Program Timeline

#### November 2, 2009:

Online application available at [mit.edu/urop/amgenscholars](http://mit.edu/urop/amgenscholars)

#### February 2, 2010:

Last date to submit online applications

#### February 2-27, 2010:

Submitted applications reviewed, 2009 MIT Amgen Scholars selected

#### Early March, 2010:

MIT Amgen Scholars notified of acceptance

#### June 7, 2010:

Orientation and Welcome Dinner for 2009 Amgen Scholars

#### June 7, 2010:

Summer program begins

#### July, 2010 (dates TBA):

Mid-summer symposium at UCLA in Los Angeles, CA

#### August 6, 2010:

Summer program ends; poster session and reception

#### Program URL:

[mit.edu/urop/amgenscholars](http://mit.edu/urop/amgenscholars)

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