

AMGEN-UROP SCHOLARS PROGRAM

An Undergraduate Summer Research Program in Science and Biotechnology

Information for MIT Students

The Amgen-UROP Scholars Program invites undergraduates to participate in faculty-mentored summer research in MIT laboratories. Similar in educational mission to our longstanding UROP program, 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 the MIT undergraduate population, as well as from other colleges and universities.

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
 - Present at an MIT poster session culminating the summer program
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Who Is Eligible?

Applications will be accepted MIT undergraduates, and 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 MIT 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. MIT participants selected for the leadership positions of **Program Associates** will receive an additional payment for fulfilling mentoring and program planning duties associated with those roles. For more information on the **Program Associate position**, go to <http://web.mit.edu/urop/amgenscholars/mit/mentors.html#rm>.

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.

Program URL:

mit.edu/urop/amgenscholars
or
www.amgenscholars.com



Massachusetts Institute of Technology



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Frequently Asked Questions

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.

4) What are the responsibilities of Program Associates?

Program Associates will act as peer mentors to others in the program, particularly those students that are new to the campus. They will organize activities aimed at introducing visiting students to the Boston/Cambridge area, and develop and host social events designed to cultivate lasting connections between MIT Scholars and those that are new to our campus. Program Associates will also collaborate with UAAP staff in organizing educational activities, such as faculty lunches and poster making workshops. They will also play a central role in organizing the poster session and reception planned for the end of the Program.

5) If I am chosen to be an Amgen Scholar, how do I then apply to become a Program Associate?

All MIT students accepted into the Amgen-UROP Scholars program will be invited to interview for a Program Associates position. Interviews with UAAP staff will be scheduled for the weeks of March 9 and March 16, 2009. **Two Amgen Scholars will be selected to assume these roles**, and orientation will be provided prior to the start of the Program.

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, or visit the Amgen Foundation's web page at amgenscholars.com.

Program Contact: Michael Bergren, Associate Dean for Academic and Research Initiatives, (617) 253-8801, amgen-scholars@mit.edu.

Amgen-UROP Scholars Program Timeline

November 2, 2009:

Online application available at 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, 2109:

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