

UNIVERSITY OF PENNSYLVANIA
SCHOOL OF ENGINEERING AND APPLIED SCIENCE (SEAS)

(NSF) NATIONAL SCIENCE FOUNDATION ~
PHILADELPHIA LSAMP/ GREATER PHILADELPHIA REGION

LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION
SUMMER UNDERGRADUATE RESEARCH PROGRAM

NAME: _____ DATE: _____

ADDRESS: _____

PHONE: _____ EMAIL: _____

MAJOR: _____ SCHOOL: _____

PROPOSED TOPIC: _____

FACULTY ADVISOR: _____

ADVISOR'S DEPARTMENT AND SCHOOL: _____

SITE OF RESEARCH FACILITY: _____

FACULTY RESEARCH ADVISOR'S APPROVAL

I agree to supervise the student listed above for the National Science Foundation/
Philadelphia LSAMP Summer Undergraduate Research Program in the School of
Engineering and Applied Science at the University of Pennsylvania ~ designated on
this form and described in the attached proposal letter of intent and proposed
schedule. I understand that the funding for this research is intended to defray the
cost of the student's living expenses and limited research expenses.

***I also understand that the student will be required to submit a poster
presentation and a written report of the findings of this effort at the end of the
designated period and at the upcoming annual LSAMP fall symposium.***

Signature: _____ Date: _____

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Please include the following with your application:

- **A one-page prospectus/proposal describing the background of the proposed topic, the main thesis or hypothesis to be investigated and the method(s).**
- **A timetable outlining the proposed schedule of the work for the 10-week period.**
- **A letter of recommendation from a faculty member and a current resume.**
- **Must be a U.S. Citizen or Permanent Resident.**
- **Application deadline to be determined.**
- **Notification date to be determined.**

RETURN TO:

Yulanda Essoka, Associate Director, NSF/*PHILADELPHIA LSAMP*

University of Pennsylvania, School of Engineering and Applied Science

125 Towne Bldg., Philadelphia, PA 19104-6391

(215) 898-1378 or email: yult@seas.upenn.edu

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SUMMER RESEARCH PROSPECTUS

In the space provided below briefly describe the background of your proposed research topic, the main thesis or hypothesis you will be investigating and the method(s) to be used in conducting this work. Attach it to the summer research application form. Do not exceed one page. Please use typed print.

Reminder: A poster presentation and written report of the findings of this effort are due at the end of the designated period. Also, weekly seminar attendance and participation in the fall symposium are required. Please sign below to confirm your commitment.

Name: _____ **Date** _____

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TIMETABLE

Outlining the Proposed schedule of the work for the 10~week period.

1. The maximum period allowed for the summer research is ten weeks. This is estimated as eight weeks for conducting the research and two weeks for documenting the effort with a formal written report. Students are obligated to work for the entire maximum period of ten weeks.
2. Each application is required to submit a one-page (*maximum*) prospectus about the proposed research. The prospectus should summarize the background of the research, the main thesis to be investigated and the method(s).
3. Each applicant must submit a brief, research schedule estimating the amount of time to be spent on specific research activities. This timetable should incorporate information as shown below:

EXAMPLE (*10 Weeks of Experimental Research – Dates may vary*):

May (2 weeks)

Literature Review	1 week
Research Project Outline	1 week

June (4 weeks)

Learning Experimental Protocol	2 weeks
Conducting Experiments	2 weeks

July (4 weeks)

Conducting Experiments	2 weeks
Preparing Written Report	1 week
Preparing Poster Presentation	1 week

EXAMPLE (*10 Weeks of Theoretical Research – Dates may vary*):

May (2 weeks)

Literature Review	1 week
Research Project Outline	1 week

June (4 weeks)

Developing Theoretical Framework	2 weeks
Conducting Theoretical Investigation (<i>Mathematical and/or Computer Modeling</i>)	2 weeks

July (4 weeks)

Conducting Theoretical Investigation	2 weeks
Preparing Written Report	1 week
Preparing Poster Presentation	1 week