



# Syracuse University

## Louis Stokes Alliance for Minority Participation

### Summer 2012 Research Program: June 9 - August 10, 2012

#### To Apply:

- Submit completed application by 3/16/12
- Submit transcripts and resume
- Submit two letters of recommendation
- Submit a personal statement

#### Summer Scholars have the opportunity to:

- Develop a meaningful research relationship with a faculty/research mentor
- Design a research poster and discuss research results at the summer symposium

This program is sponsored by the National Science Foundation Grant No. HRD-0703452



SU-LSAMP Research Program/ Bowne Hall, Suite 203 / Syracuse, NY 13244 / 315-443-4282 / dsawye01@syr.edu

The Syracuse University Louis Stokes Alliance for Minority Participation (LSAMP) Research Program is a paid summer research opportunity that provides undergraduate scholars with the opportunity to work with distinguished faculty and staff as well as network with others in their field of interest. Student scholars have the opportunity to conduct and present research over a ten-week period under the direction of a faculty research mentor at Syracuse University.

Through this program, scholars will gain theoretical knowledge and practical training in academic research and scientific experimentation. The SU LSAMP research program was developed to aid in the retention of traditionally underrepresented groups in the sciences, technology, engineering, and mathematics (STEM).

#### What are the benefits?

- \$3300 research stipend
- Round-trip travel stipend of up to \$150\*
- Free double occupancy room on the SU campus
- State-of-the-art laboratories, libraries, computers, etc.

*\*For students living outside of the Syracuse area*

#### Who is eligible?

- Students must be a U.S. Citizen or Permanent Resident and African American, Latino, American Indian/Alaska Native, Native Hawaiian or Native Pacific Islander.
- Applicants must be in good academic standing with a GPA of 2.75 or better
- Have completed at least two semesters of college
- Participants may **NOT** take courses during the summer program

#### Research Areas

Students may apply for research opportunities in any of the following STEM disciplines: Biology, Biomedical and Chemical Engineering, Chemistry, Civil and Environmental Engineering, Earth Science, Electrical Engineering and Computer Science, Information Studies, Mathematics, Mechanical and Aerospace Engineering, and Physics.

#### Application Deadline: March 16, 2012

Notification of acceptance early April  
MAIL COMPLETED APPLICATIONS TO

Don C. Sawyer III

**APPLICATION DEADLINE: March 16, 2012**

**Louis Stokes Alliance for Minority Participation (LSAMP)  
SYRACUSE UNIVERSITY Summer Research Program 2010  
June 9 – August 10, 2012**

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**MAIL COMPLETED APPLICATIONS TO**

**Don C. Sawyer III**

*SU-LSAMP Research Program/ Bowne Hall, Suite 203 / Syracuse, NY 13244 / 315-443-4282*

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**Eligibility:** *This program is open to students in STEM (science, technology, engineering & mathematics) disciplines who have minimum of a 3.0 cumulative GPA or higher. Students must be a US Citizen or Permanent Resident and African American, Latino/Hispanic, Native American, Alaska Native, Native Hawaiian or Pacific Islander.*

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Name: \_\_\_\_\_  
*First Middle Initial Last*

**Race/Ethnicity** (check appropriate option; you may indicate more than one ethnicity):

- African-American/Black
- Native Hawaiian/Pacific Islander (please specify): \_\_\_\_\_
- Latino/Hispanic (please specify): \_\_\_\_\_
- Native American/Alaskan Native (please specify tribal affiliation): \_\_\_\_\_
- Other (please specify): \_\_\_\_\_

**Gender:** \_\_\_ Male \_\_\_ Female \_\_\_ Other

**Citizenship/Residency:** U.S. Citizen:  Yes  No  
Permanent Resident:  Yes  No  
New York State Resident:  Yes  No

*(Note: If accepted into the program your Social Security Number will need to be submitted for payment and reporting purposes)*

E-mail Address \_\_\_\_\_

**Current Mailing Address:**

Street Address \_\_\_\_\_ Apartment #: \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Valid until: \_\_\_\_\_ Phone # \_\_\_\_\_ Cell # \_\_\_\_\_

**Permanent Address:**

Street Address \_\_\_\_\_ Apartment #: \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone # \_\_\_\_\_ Alternate Phone # \_\_\_\_\_

**Academic Information:**

University/College: \_\_\_\_\_

Major: \_\_\_\_\_ Minor \_\_\_\_\_

GPA \_\_\_\_\_ (In Major) GPA \_\_\_\_\_ (Cumulative)

Current Status: Sophomore \_\_\_\_ Junior \_\_\_\_ Senior \_\_\_\_

Expected Date of Graduation: \_\_\_\_\_

Have you participated in any of the following programs?

LSAMP \_\_\_\_\_ CSTEP \_\_\_\_\_ McNAIR \_\_\_\_\_ HEOP \_\_\_\_\_ Other \_\_\_\_\_

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**Select and respond to one of the following options.**

**Option 1:** Identity Syracuse University faculty member(s) with whom you would like to conduct summer laboratory research.

**Faculty Member:** \_\_\_\_\_ **Contacted?** Yes  No

**Faculty Member:** \_\_\_\_\_ **Contacted?** Yes  No

**OR**

**Option 2:** Provide a brief description of your area(s) of research interest and the type of summer research you would like to pursue. Based on this description, we will explore the options available with SU faculty.

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**Personal Statement**

Please provide a brief (one page, typed) personal statement describing your career goals in scientific research and why you wish to participate in this summer research experience. Specifically discuss your plans after graduation and how you see this research opportunity relating to your plans.

**Faculty Recommenders**

Please list the information of the faculty members you have asked to write letters in support of your application. Both should be familiar with your academic and/or research abilities and should be able to judge your readiness for undergraduate research.

1. Name: \_\_\_\_\_ Institution: \_\_\_\_\_

E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_

2. Name: \_\_\_\_\_ Institution: \_\_\_\_\_

E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_

**The faculty members should send their letters to:**

Don C. Sawyer III  
Syracuse University  
LSAMP 2012 Summer Research Program  
Bowne Hall, Suite 203  
Syracuse, NY 13244  
315-443-4282

Please send your completed application, resume, copy of transcript(s) and your personal statement to the above address. Please call if you have questions.

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By signature below, I certify that in applying for the LSAMP Summer Research Program at Syracuse University, I am a US Citizen or Permanent Resident and meet all LSAMP eligibility requirements listed in the application. If accepted into the program, I will commit myself to be present at Syracuse University for the duration of the program. I also certify all information is correct and complete to the best of my knowledge.

Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_



**Syracuse University  
Louis Stokes Alliance for Minority Participation  
2012 Summer Research Program  
Faculty Recommendation Form**

**Instructions for the Applicant:** Complete the top section of this form. Please type or print legibly. Give this form to the faculty member serving as your recommender.

**Applicant's Name:** \_\_\_\_\_

- I hereby waive my right of access to this recommendation.
- I hereby do not waive my right of access to this recommendation.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**To Be Completed By the Recommender:** The Syracuse University Louis Stokes Alliance for Minority Participation (LSAMP) Research Program is a paid summer research opportunity that provides undergraduate scholars with the opportunity to work with distinguished faculty and staff as well as network with others in their field of interest. Student scholars have the opportunity to conduct and present research over a ten-week period under the direction of a faculty research mentor at Syracuse University.

Please return this form and a separate recommendation letter in time for the applicant to meet the following deadline: **March 16, 2012**. You may mail, fax, or email the recommendation and this form to the following: **Don C. Sawyer III / LSAMP Summer Research Program / Bowne Hall, Suite 203 / Syracuse, NY 13244 / Phone: 315-443-4282 / Fax: 315-443-5683**

**Email:** dsawye01@syr.edu [**Subject line: Recommendation LSAMP – Applicant's Name**] Alternatively, you can return your recommendation letter in a sealed envelope with your signature across the back flap to the applicant.

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Recommender's Information:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

E-mail: \_\_\_\_\_ Telephone: \_\_\_\_\_

Department, University: \_\_\_\_\_

In what capacity do you know the applicant? \_\_\_\_\_

How long have you know the applicant? \_\_\_\_\_

Please rate the applicant using the scale below

	<i>Excellent</i>	<i>Good</i>	<i>Fair</i>	<i>Poor</i>	<i>Unable to Judge</i>
<b>Intellectual ability</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Ability to express him/herself</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Potential for conducting research</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Work ethic and responsibility</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Motivation for graduate study</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

On a separate sheet, state your overall recommendation for this student, providing an assessment of their character, qualifications, and potential for success in research. Please include in your statement details about their strengths and weaknesses based on your knowledge of their work and abilities.

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Louis Stokes Alliance for Minority Participation  
2012 Summer Research Program  
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Name: \_\_\_\_\_ Title: \_\_\_\_\_

E-mail: \_\_\_\_\_ Telephone: \_\_\_\_\_

Department, University: \_\_\_\_\_

In what capacity do you know the applicant? \_\_\_\_\_

How long have you know the applicant? \_\_\_\_\_

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<b>Intellectual ability</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Ability to express him/herself</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Potential for conducting research</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Work ethic and responsibility</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Motivation for graduate study</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

On a separate sheet, state your overall recommendation for this student, providing an assessment of their character, qualifications, and potential for success in research. Please include in your statement details about their strengths and weaknesses based on your knowledge of their work and abilities.