Application Instructions
Complete the following components of the LSAMP 2014 Bridge Program for Scientists and Engineers application:
- Application Form
- Two Essays
- Citizenship Documentation: Copy of U.S. Birth Certificate, U.S. Passport or U.S. Permanent Residency card
- Resume
- Teacher Recommendation

Bridge Program for Scientists and Engineers
The University of Maryland College Park's Summer Bridge for Scientists and Engineers celebrates 30 years (1984-2014) of supporting students in reaching their fullest potential. This 5-week residential program for academically talented students in the Clark School of Engineering provides early exposure to the rigors of engineering at the University of Maryland while offering a supportive environment helping students get acclimated to the university. Bridge Program scholars earn 4 university credits while learning to work together, study together and excel together.

Eligibility
- Be an incoming freshman admitted to the A. James Clark School of Engineering
- Confirm attendance to UMD by May 1, 2014
- Display a commitment to academic excellence
- Able to live on campus for the full five weeks of the Summer Bridge Program
- Fully participate in all program activities
- Agree not to work during the Summer Bridge Program
- Commit to register for Bridge freshman course: “Achieving College Success”

Cost
The Summer Bridge program cover the cost of tuition, student fees, textbooks, housing and some meals valued at $3000 per student. Students and parents are responsible for all other meals. Additionally, a program fee of $300 will be required for all accepted students.

Program Components
Summer Bridge
- Mathematics course
- Chemistry workshop
- Student Success Seminar
- Field trips to industry and research facilities
- Supplemental Instruction
- Community Building
- Academic Advising

Academic Year Bridge
- Academic Advising and Support
- Achieving College Success course
- Community Building

Expectations of Bridge Scholars
Bridge Scholars are students who have the desire to achieve excellence. They are expected to participate fully in all program activities and take full advantages of the resources made available to them. Bridge scholars also recognize the benefits of being a member of a vibrant community of scholars who desire to learn, grow and achieve together.
2014 BRIDGE PROGRAM FOR SCIENTISTS AND ENGINEERS
APPLICATION

Please type or print clearly.

STUDENT INFORMATION

Student Name ___________________________________________ UID _____________

Address ________________________________________________

City_________________________ State ___________ Zip Code __________

Cell Phone (____) ____________ Home Phone (____) _____________

Citizenship: [ ] U.S. Citizen [ ] Permanent Resident

Gender: [ ] Male [ ] Female

Ethnicity: [ ] American Indian [ ] Asian or Asian American
[ ] Black or African American [ ] Hispanic or Latino/a
[ ] Pacific Islander [ ] White or Caucasian

Email __________________________

ACADEMIC BACKGROUND

Name of High School ______________________ City, State ______________________

High School GPA ________/_________ SAT Scores: Math ____ Verbal ______
(maximum pt. scale)

Math and Science Grade Report

<table>
<thead>
<tr>
<th>MATHEMATICS/ SCIENCE Courses</th>
<th>Grade Earned</th>
<th>Indicate if Honors, Advanced Placement (AP), or IB courses</th>
<th>Indicate if College Level or Concurrent Enrollment</th>
<th>Grade Level When Taken (9,10,11,12)</th>
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Do you intend to enroll at the University of Maryland College Park in the Fall 2014?
[ ] Yes [ ] No

Intended College Major: ________________________________
**FINANCIAL INFORMATION**
Have you applied for financial aid by filling out the FAFSA (Free Application for Federal Student Aid)?

[ ] Yes  [ ] No

Please list the scholarships for which you have applied and/or received:
__________________________________________________________________________________________________________________
__________________________________________________________________________________________________________________

**PARENT INFORMATION**
Did either of your parents earn a Bachelor's degree?
[ ] Father  [ ] Mother  [ ] Both  [ ] Neither

Did either of your parents graduate from the University of Maryland, College Park?
[ ] Father  [ ] Mother  [ ] Both  [ ] Neither

Do either of your parents work at the University of Maryland, College Park?
[ ] Father  [ ] Mother  [ ] Both  [ ] Neither

**ACTIVITIES**
Did you participate in a pre-college mathematics, science, or engineering program while in high school?
[ ] Yes  [ ] No  If yes, include name of program, when and where:
___________________________________________________________________________________________________________________________

**ESSAYS**
On a separate sheet of paper, write two brief essays (no more than one page typed total) answering the questions below. **The essay will be heavily weighted in the selection process.**

1) **Explain why, in your view, it is important to increase the number of African American/Black, Hispanic American/Latino, and Native American students in science, technology, engineering, and mathematics (STEM) majors?**

2) **Describe your educational and career goals. In what ways do you feel the Bridge Program will be beneficial to your college success?**

**Application deadline is **May 1, 2014**. If accepted to the Bridge Program, a $300 program fee will be required.**

Please mail or fax (301-314-9867) application, essays, citizenship documents and résumé to Mrs. Taifa Simpson
Center for Minorities in Science and Engineering
1131 Glenn L. Martin Hall
College Park, MD 20742

I certify that all information that I have provided is accurate.

Student's Signature ___________________________ Date ______________
### Mathematics or Science Teacher Recommendation Form

**Student Name**  

**Name of High School**  

**Teacher’s Name and Title**  

**School/Organization**  

**How long have you known the student and in what capacity?**

**How would you rate the student in the following areas?** (Check one per category)

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
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<tbody>
<tr>
<td>1. Ability to Follow Rules &amp; Directions</td>
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<td>2. Acceptance of Responsibility</td>
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<td>3. Leadership Ability</td>
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<td>4. Written Communication Skills</td>
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<td>5. Ability to Work Well with Others</td>
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<td>6. Oral Communication Skills</td>
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<td>7. Initiative/Independence</td>
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<td>8. Level of Math Interest</td>
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<td>9. Motivation</td>
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<td>10. Maturity</td>
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11. Based on your interactions and experiences with the student, how would you describe his/her potential to achieve a degree in science, technology, engineering, or mathematics (STEM)? If needed, please attach a separate letter.

_________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________________

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Teacher Signature: ___________________________ Date: __________________

The deadline for applications is **May 1, 2014**.

Please mail or fax (301-314-9867) recommendation to  
Mrs. Taifa Simpson  
Center for Minorities in Science and Engineering  
1131 Glenn L. Martin Hall  
College Park, MD 20742