

**Louisiana State University**  
**Summer 2007 REU - Environmental, Biological and Materials Chemistry**

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Current Address: \_\_\_\_\_ Permanent (Home) Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Current Phone ( ) \_\_\_\_\_ Permanent Phone ( ) \_\_\_\_\_

Cell Phone ( ) \_\_\_\_\_ E-Mail Address \_\_\_\_\_

Name of your College or University \_\_\_\_\_

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

Academic classification, **Fall 2007**:  Jr  Sr  Other \_\_\_\_\_

Expected Date of Graduation \_\_\_\_\_ Expected Degree:  B.A.  B.S.  Other \_\_\_\_\_

Other Universities Attended (Please include dates) \_\_\_\_\_  
 \_\_\_\_\_

Career or Educational Plans after Graduation \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

College-level courses (use descriptive names such as "Organic", not course numbers)

Chemistry		Grade	Math	Grade	Other Science	Grade
	<input type="checkbox"/> Lec <input type="checkbox"/> Lab					
	<input type="checkbox"/> Lec <input type="checkbox"/> Lab					
	<input type="checkbox"/> Lec <input type="checkbox"/> Lab					
	<input type="checkbox"/> Lec <input type="checkbox"/> Lab					
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	<input type="checkbox"/> Lec <input type="checkbox"/> Lab					
	<input type="checkbox"/> Lec <input type="checkbox"/> Lab					

Grade Point Average (on a scale with A = 4.0) \_\_\_\_\_

[ Not required: Chemistry GPA \_\_\_\_\_ Math GPA \_\_\_\_\_ Other Science GPA \_\_\_\_\_ ]

Briefly explain why you would like to participate in this chemistry research program.

If you have had research experience, please explain when and where, and provide a brief description.

Chemistry Research Preference (choose one):  Biological  Environmental  Materials

Core Chemistry Preference (choose two):  analytical  biochemistry  inorganic  
 macromolecular  organic  physical

**Consideration for participation in this program requires that you be a Citizen or Permanent Resident of the United States or its possessions. Please certify that you are a U.S. citizen or permanent resident by checking this box:**

To the best of my knowledge, all of the above information is correct.

Signature of Applicant \_\_\_\_\_ Date \_\_\_\_\_

*The following information is optional, and its omission will in no way jeopardize consideration of your application. However, the National Science Foundation requests this information, and if you are chosen to participate, you will be asked to provide it. Please check all categories that are appropriate.*

Male  Female  Black, not Hispanic  Native American / Native Alaskan  
 Hispanic  Pacific Islander  Asian

1. By **April 1, 2007**, return this application (either by email or surface mail) to Dr. Spivak at the address listed below.
2. By **April 1, 2007**, forward an *unofficial copy of your transcript* to Dr. Spivak at the address below.
3. Ask one of your professors to send (either by email or surface mail) a *confidential letter of recommendation* to Dr. Spivak at the address listed below. Your recommender may use the attached form, an official letterhead, or an email with specific contact information.

Send application, transcript and recommendation letter to:

Dr. David Spivak (225) 578-2868 (Voice)  
NSF-REU Program (225) 578-3458 (FAX)  
Department of Chemistry dspivak@lsu.edu  
Louisiana State University  
Baton Rouge, LA 70803

# LSU CHEMISTRY SUMMER RESEARCH PROGRAM

## Evaluation of Student Research Potential

**To the Recommender:** the student named below is applying for an REU position at Louisiana State University this summer. Please evaluate the student's potential to be successful in the research laboratory and return this form to David Spivak by **April 1, 2007**. You may also send your recommendation on official letterhead, or if you prefer email, please include your contact information.

Dr. David Spivak  
Department of Chemistry  
Louisiana State University,  
Baton Rouge, LA 70803,  
dspivak@lsu.edu.

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**Student's Name** \_\_\_\_\_

### I. Your relationship to this student:

- Instructor                       Academic Advisor                       Research Advisor  
 Faculty Advisor to Chemistry Club  
 Other (please specify) \_\_\_\_\_

### II. Evaluation of Student (1 = Excellent, 5 = Poor)

- |  |                            |                            |                            |                            |                            |  |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| College Level Chemical Knowledge           | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> No basis to judge |
| <i>Maturity</i>                            | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> No basis to judge |
| Laboratory Skills                          | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> No basis to judge |
| <i>Work Habits</i>                         | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> No basis to judge |
| Creativity                                 | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> No basis to judge |
| <i>Ability to follow directions</i>        | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> No basis to judge |
| Ability to work with others                | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> No basis to judge |
| <i>Overall Ability to Perform Research</i> | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> No basis to judge |
| Scientific Curiosity                       | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> No basis to judge |

**III. Comments – This is the most important part of this evaluation.** Please include a short narrative (below or on an attached sheet) describing why you believe this student is an excellent candidate for a summer research program in the chemical sciences.

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

Printed/Typed Name \_\_\_\_\_ Title \_\_\_\_\_

Mailing Address \_\_\_\_\_

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