

**Summer Research Program in Physics & Astronomy**  
**Bucknell University**  
**Application Form, Summer 2015**

Please provide the requested information by returning a paper copy of this form, or by returning a scanned copy of the form, or by providing the information in your own electronic document. Electronic submission of all materials is welcome.

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
email: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If you will not be at the above address for any period between February 15 and April 1, please fill in the following alternate contact information:

Telephone: \_\_\_\_\_  
email: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dates: \_\_\_\_\_

Will you be available for the entire period (May 26 – July 31)? Yes No

(If not, provide dates you will be available: \_\_\_\_\_)

You are (circle one): US Citizen, US Resident, Other (please specify) \_\_\_\_\_

Institution at which you are currently enrolled: \_\_\_\_\_

Current academic year (circle one): Fr So Jr Sr

Academic Major \_\_\_\_\_

Expected date of graduation (mo/yr): \_\_\_\_\_

Current academic GPA: Major: \_\_\_\_\_ Overall: \_\_\_\_\_

Please answer the following questions on a separate page or pages.

1. List by name all physics, math, and computer science courses you will have completed as of the end of the Spring 2015 semester, **or** include a transcript with your application (an unofficial transcript is acceptable).
2. Please tell us about any other research experiences you have had, where the research was conducted, and the name of the adviser.
3. Describe a particular project, achievement, reading, or even a homework problem that has recently aroused your interest in physics or astronomy and briefly explain why.
4. Describe your experience with computers including specific programming languages and applications with which you are comfortable.
5. Write a brief statement about why you want to do summer research.

Please indicate in order of preference three specific projects or mentors. (Please include the project codes, e.g. THS-1). Project descriptions can be found on our website, or you may contact Martin Ligare or individual mentors for more details.

1st choice: \_\_\_\_\_

2nd choice: \_\_\_\_\_

3rd choice: \_\_\_\_\_

Names of two people from whom you are requesting letters of reference:

(1)\_\_\_\_\_ (2)\_\_\_\_\_

Please give the forms on the attached sheet to two people from whom you are requesting letters of recommendation. All application materials should be received at the address below no later than February 15, 2015. (Applications received after this date may be considered if there are openings remaining.)

Martin Ligare  
REU Program  
Department of Physics & Astronomy  
Bucknell University  
Lewisburg, PA 17837

phone: (570) 577-1207  
fax: (570) 577-3153  
e-mail: [physreu@bucknell.edu](mailto:physreu@bucknell.edu)  
website: <http://www.eg.bucknell.edu/physics/reu.html>

# Bucknell Summer Research Program in Physics & Astronomy Summer 2015

## Instructions for Letters of Reference

The student named below is applying for a position in the Bucknell University Department of Physics & Astronomy NSF Research Experiences for Undergraduates Program for Summer 2015. We would very much appreciate a letter providing the following information:

- the scope of your contact with the student,
- examples of the student's strong points in academics as well as laboratory techniques,
- the motivation and initiative demonstrated by the student,
- the student's potential ability in scientific research, and
- the student's ability to work independently.

Please include any additional comments that you feel are pertinent. It is very important that your letter be received no later than **February 15, 2015** in order that the student's application be given full consideration for this summer. **You do not need to return this form; electronic submission of your letter is welcome.** Please send your letter to:

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REU Program  
Department of Physics & Astronomy  
Bucknell University  
Lewisburg, PA 17837

phone: (570) 577-1207  
fax: (570) 577-3153  
e-mail: [physreu@bucknell.edu](mailto:physreu@bucknell.edu)  
website: <http://www.eg.bucknell.edu/physics/reu.html>

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

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Student Name: \_\_\_\_\_ Date: \_\_\_\_\_