

## 2018 REU APPLICATION

Please fill out the form in its entirety. \*Indicates a required field.

If you have any questions, please email Karen Taylor at [mkdt41@camden.rutgers.edu](mailto:mkdt41@camden.rutgers.edu).

**Deadline for application submissions is March 1, 2018.**

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**Last Name\***

**First Name\***

**Email Address\***

**Birthdate\***

**Permanent Address\***

**School Address\***

**Home Phone\***

**School Phone\***

**Gender\***

Female  
Male

**Ethnicity (optional)**

**US Citizen?\***

Yes  
No

**US Permanent Resident?**

Yes  
No  
N/A

*Note: Applicants must be citizens or permanent residents of the United States or its possessions to be eligible for this program. Your social security number will be requested if you are selected to participate in the program.*

**Currently Enrolled at:\***

**Current Class Standing\***

Freshman  
Sophomore  
Junior  
Senior  
Other

**Field of Interest\***

**Describe/list skills you have acquired that support your application (for example, laboratory technique, molecular work, languages, etc)\***

**List up to 12 classes you have taken that are relevant to this program.\***

**Briefly describe up to five (5) field work, employment, or other experiences that you feel support your interests and ability to engage in the kind of research that an internship in our program might involve. Be sure to include any appropriate awards (e.g. Science fairs or academic awards) or offices held.\***

**Name/describe and indicate the location of any other Research for Undergraduates programs in which you have been involved.\***

**Which areas are you most interesting in doing research? Please select three projects.  
(Note: a specific project will be selected upon admission)**

**Project 1.** Ecological impacts of species invasions on nutrient dynamics

**Project 2.** Assessment of atmospheric pollution in urban habitats by bio-monitors: spider webs, tree barks, lichens, and mosses

**Project 3.** An interdisciplinary approach to studying epidermal growth factor receptor signaling dynamics in epithelial tissues

**Project 4.** Computational and experimental approaches for identification of gene networks

**Project 5.** Mathematical and experimental study on circadian phase-period relationship

**Project 6.** Enzymatic Degradation of biomaterials by Neurospora

**Project 7.** Experimental and Computational study on biofuel production using fungi

**Project 8.** Deciphering the genetic basis of cell shape in plants: a computational and experimental approach

**Project 9.** Effects of thyroid hormones on GABA(A) receptors investigated experimentally and computationally

**Please list the projects you chose above, ranking from most to least preferred:**

## LETTERS OF RECOMMENDATION

Please have your 2 recommenders either email their recommendations or mail them to the address below.

Emailed letters should be mailed as a .pdf file from your recommender's official work email address to [kdt41@camden.rutgers.edu](mailto:kdt41@camden.rutgers.edu) with the following information in the title of the file: Lastname\_Firstname\_REU\_letter.pdf. Please make sure you give these explicit instructions to your recommenders!

Mailed letters should be sent to:  
Karen D. Taylor, Manager, CCIB  
Attention: REU 2016  
Rutgers University – Science Building  
315 Penn St.  
Camden, NJ 08102

Full Name of Recommender #1\*

Recommender #1 Full Address\*

Recommender #1 Email Address\*

Full Name of Recommender #2\*

Recommender #2 Full Address\*

Recommender #2 Email Address\*