

# ADMISSION PROCESS

Please see Admission requirements for Phase I, II and III on the inside.

Placement of students in Phases I, II, or III will be based on an evaluation of each student's overall academic record, including all courses taken and performance in these courses.

We welcome students who have previously participated in Phase I or II of the PULSE program to reapply for admission to a more advanced level.

There is no charge to participate in the PULSE program. Students that complete the program will earn a monetary stipend. CMSRU reserves the right to withhold stipend if a student is not making satisfactory progress.

*Special consideration will be given to groups traditionally under-represented in the fields of medicine and science (black/African American/Hispanic/Latino/American Indian/Alaskan Native) and those from financially disadvantaged backgrounds.*

## How to Apply

1. Complete and submit the application online by **February 12, 2016**. Apply online at: <http://www.rowan.edu/coopermed/diversity/undergrad/pulseapplication/> Applications will be available online **December 14, 2015**.
2. Have your registrar send PULSE an official transcript from all schools attended.
3. Submit two letters of recommendation from college professors who have taught you and know you well (at least one should be from a science professor)

PULSE applicants may be invited to interview with selection committee. Students will be notified via email by **March 21, 2016**.

Transcripts and letters of recommendations must be mailed to:

PULSE Program  
Cooper Medical School of Rowan University  
401 South Broadway, Camden, NJ 08103

## Housing

The PULSE program does not provide housing to participants; however Rutgers-Camden offers dormitory style accommodations at a discount to PULSE students. Rutgers-Camden is within walking distance to Cooper Medical School and is easily accessible via public transportation. ***PULSE participants are responsible for all housing costs and must adhere to Rutgers-Camden residential rules.***

## PULSE Program Staff:

**Jocelyn Mitchell-Williams, MD, PhD**  
*Program Director and Associate Dean*

**Sue Liu**  
*Assistant Director, Community and Diversity Affairs*

**Michael Green**  
*Program Coordinator*

**Osvaldo Lopez, Ph.D.**  
*Microbiology Course Director*

## Location:

 **Cooper Medical School  
of Rowan University**

401 S. Broadway  
Camden, NJ 08103

*CMSRU is conveniently located near Walter Rand Transportation Center and within walking distance of the NJ Transit River Line Stop. It is also easily accessible from major NJ interstates.*



 **Cooper Medical School  
of Rowan University**

# PULSE



*Premedical Urban  
Leaders Summer  
Enrichment Program*

**SUMMER 2016**



**Working to Decrease  
Urban Health Disparities**

## ABOUT THE PROGRAM

PULSE is an academic enrichment program for college undergraduates interested in healthcare professions. Its primary goal is to introduce medical professions to groups traditionally underrepresented in the field, as well as those from financially disadvantaged backgrounds.

PULSE provides academic, clinical, research and service learning opportunities with a focus on urban health needs. The program helps students become lifelong learners and empowers them to use their knowledge to make a difference in their communities.

The full-day program runs five days per week for six weeks and culminates with the PULSE Symposium, a special event where students formally present posters highlighting their summer work or research projects to faculty, family and friends.

**2016 Program Dates: June 6 – July 15**  
Monday-Friday, 8:30 a.m. – 4:30 p.m.



## PROGRAM HIGHLIGHTS

### Pathophysiology

Students in the PULSE program are introduced to new concepts through lectures and problem based learning activities. Biomedical and clinical faculty educate students about infections and diseases that are prevalent in urban settings. The pathophysiology section focuses on basic mechanisms of diseases affecting humans.

### Urban Health Focus

Students learn about health, economic and educational disparities that exist for residents of urban communities. They interact with Camden healthcare providers and community

leaders and have the opportunity to formulate ideas and engage in activities to help improve the health and well-being of the community.

### Learning & Presentation Skills

Students learn how to develop the skills needed to succeed in science and medicine-based curricula. They attend and participate in various workshops about delivering effective poster and oral presentations.

"The PULSE program is a fantastic opportunity for students looking to pursue careers in medicine. The program gave us the confidence and knowledge to pursue our path toward medical school."

Susana and Samantha Collazo  
(PULSE 2012 and 2013)  
CMSRU medical students  
Class of 2018



## PROGRAM OUTLINE

Participants in the PULSE program take part in a variety of science enrichment and health-oriented activities. The PULSE program offers three phases to serve students at all stages of undergraduate education. The curriculum includes a combination of course work, seminars, study skills workshops, and exposure to clinical settings.

Students in all phases have the opportunity to develop close relationships with medical school faculty, staff, and students who are delighted to provide individual mentoring on career choices and application procedures.



### Phase I

Designed for students who have just begun pre-professional studies and have completed the following:

- One year of college (*completed by start of program*)
- One semester of biology
- One semester of chemistry
- One semester of introductory math
- One semester of expository writing or college composition
- GPA of at least 3.0

**Phase I curriculum includes the following courses:**

- Introduction to Microbiology- lecture and team based learning activities
- Health professions career seminars and workshops
- Learning skills workshop
- Community service activities

### Phase II

Designed for students who have completed the following:

- Phase I requirements
- Organic chemistry

**Phase II curriculum includes the following courses:**

- Introduction to Biochemistry
- MCAT Review
- Learning Skills workshop
- Health professions career seminars and workshops
- Clinical Shadowing



### Phase III

Designed for students who are at or near the point of applying to professional school and have completed nearly all pre-professional science requirements.

**Phase III curriculum includes the following courses:**

- Introduction to Gross Anatomy
- MCAT Review
- Clinical Shadowing
- Health professions career seminars and workshops
- Learning Skills workshop

*Phase content is subject to change; Updates will be posted on website.*