
***CMMP Clinical Research Internship
(CRI) Program Application***



Due Friday, August 3, 2018 at 11:59pm EST.

Executive Director: Byron Jasper, MD, MPH
Program Director: Lauren Payne, MD, MS
Program Coordinator: Alandra Brown-Cox

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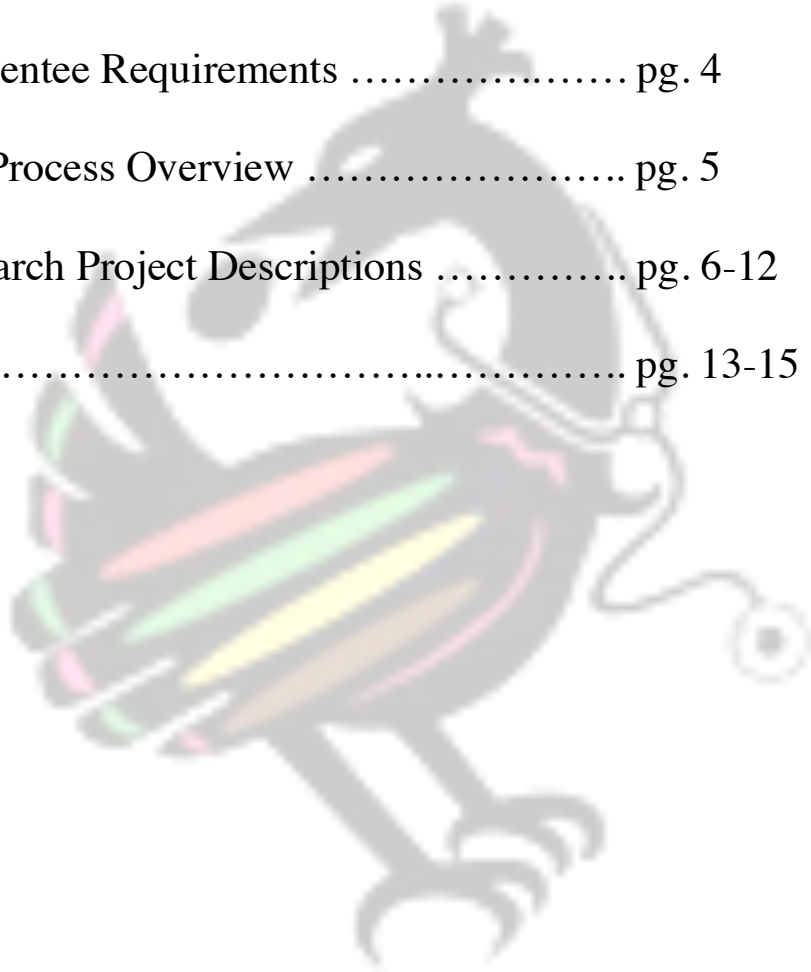
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What is the Comprehensive Medical Mentoring Program (CRI) ?

Comprehensive Medical Mentoring Program (CMMP) is a non-profit organization founded by Byron Jasper MD, MPH.

Originally from rural Louisiana, Dr. Jasper attended Xavier University of Louisiana for his undergraduate degree. After Xavier, Dr. Jasper attended Tulane University where he received both his medical degree and Master of Public Health before completing his residency. After residency, he completed two fellowships at Georgetown University and at Providence Hospital in Washington, D.C.

Inspired by his own experience with mentors, Dr. Jasper founded CMMP in 2015. Each year CMMP brings in a class of high school, undergraduate, and medical students in addition to resident and attending physicians. During the program, students are placed in a mentoring pipeline where they are provided with a mentor at each stage of their journey. Participants attend structured bi-weekly sessions where they listen to lectures from various medical specialties, read articles, and discuss health disparities.

At the completion of the program, students must create and submit a new personal statement and CV for their personal use within their respective admissions processes. The overarching goal of CMMP is to support students throughout their medical journeys by providing them with confident mentors and an array of clinical experiences.

What is the Clinical Research Internship (CRI) ?

CMMP Clinical Research Internship Program was founded in the summer of 2017 by former DC Regional President, Keona Wynne. After working as a research assistant at the Center for Sickle Cell Disease at Howard University, Keona had a strong desire to merge her interest in research and medicine. Unsure of how to accomplish this task, Keona was provided with a mentor, Dr. Mary Carter Denny, because of her affiliation with CMMP. Keona's time with Dr. Denny was invaluable. It provided Keona with the confidence to continue on a challenging medical journey. The goal of this program is to provide undergraduate students interested in clinical research with the same confidence by providing them with mentors. At the completion of the program, students will have an original literature review and a final project to aid in their admission processes.

CRI's Mission & Goal

The mission of this program is to provide undergraduate students with a comprehensive introduction into the breadth and application of clinical research. The goal is to cultivate the next generation of research scholars and physicians to eliminate health disparities and increase health equity.

CRI Mentor's Role

The mentor serves as a role model and teacher to the selected mentee. The mentor should provide the mentee with opportunities to learn in both clinical and research settings, wherever possible. The mentor should assign at least two (2) articles for the mentee to draft a literature review and assign mentee with projects related to ongoing projects in the lab (as appropriate).

The mentor should also engage mentee throughout the duration of the internship.

CRI Mentee's Role

The mentee should be an undergraduate student with a strong desire to go into medicine and/or research. While it is not expected for the mentee to be knowledgeable of the specialty, the mentee should develop a baseline knowledge of the specialty by the end of the program. The mentee should be involved in clinical work/research at least once per week and complete at least one (1) literature review throughout the length of the program. The mentee is expected to volunteer three (3) times per semester at an official CMMP volunteer event and post a total of two (2) posts per month to the CMMP Educational Forum. The mentee should also complete a final project.

The CRI's Mentee Requirements

1. CMMP Educational Forum:

Mentees should author and post two (2) posts per month throughout the duration internship. The posts should be created to engage the public and speak to an aspect of the specialty of their mentor (i.e. ischemic stroke if mentor is stroke neurologist).

2. Mentee Volunteer Obligations:

Mentees should volunteer at least three (3) times per semester at an official CMMP volunteer opportunity. An official CMMP volunteer opportunity will be posted monthly, and mentees will be added to CMMPs email list. It is the responsibility of the mentee to attend volunteer events and document their attendance with Dr. Lauren Payne and/or Alandra Brown-Cox.

3. Literature Review:

Mentees should actively work to increase their knowledge of current medical advancements in their mentors' fields. Throughout the internship, mentors should provide students with two (2) articles related to their specialty to aid the mentee in creating a literature review. Mentees should create a three (3) page literature review with a least five (5) sources to be submitted to both CMMP and their mentor at the end of the program.

4. Final Project:

The mentee must create a final project to be submitted within fourteen (14) days of the completion of internship. The final project should be educational material designed for use by the public. The project should reflect health disparities in the mentor's specialty. Specifically, it should reflect how patients can reduce risk factors and any current medical research/programs to address the illness being detailed. The purpose of the final project is so that students will have a tangible project to show admissions boards, and for students to visualize how they can contribute in research, medicine, and health education.

Application Process Overview

1. Applications for the program will open in Mid-July and close in the beginning of August.
2. Completed applications should include a completed application, a current and accurate resume/CV and letter of interest tailored to the specific project(s) for which the mentee is applying.
3. The letter of interest should answer the following questions:
 - a. Why does the mentee have an interest in medicine?
 - b. Why does the mentee have an interest in research?
 - c. Why does the mentee want a mentor?
 - d. What does the mentee hope to learn and/or gain from this experience?
 - e. For which specific research project(s) and mentor would the mentee like to apply?
 - f. Why are they interested in that specific project(s)?
4. A set of all complete applications will then be given to mentors for review.
5. Mentors will schedule interviews with potential mentees.
6. Mentors will first notify Alandra Brown-Cox and Dr. Lauren Payne of selected mentee(s).
7. Mentors and/or Alandra Brown-Cox will contact selected mentee to formally offer internship.
8. Once the mentee has been notified, they will review and agree to abide by the CMMP Honor Code and CMMP Clinical Research Internship Contract prior to the start of the internship.
9. Within two weeks of the start of internship, the mentor and mentee will contact Alandra Brown-Cox with the planned duration of the internship and if stipend support will be provided.

Mentor Research Project Descriptions

Below are the potential projects for the upcoming academic year. Students may apply to more than one project but must submit a separate application for each mentor. Letters of interest should be specific to each project as well.



Project Title:

The Advanced Illness Clinic

Mentor Name:

Michael Pottash, MD

Project Description:

Doctors are not well trained to have conversations with their patients about a progressing illness.

The Advanced Illness Clinic is a place for Internal Medicine trainees to practice having these conversations under expert supervision.

Weekly Time Commitment:

7+ hours

Location:

MedStar Washington Hospital Center

What are expectations that you have for the student?

The student is expected to be present for clinic from 8am-1pm on Wednesdays. The student is expected to take a leadership role in clinic function and provide support to the Clinic Director. This includes helping patients to complete surveys, entering information into the database, and manuscript preparation and writing. Student must be very independent, can be a post bac student as well.

What end result do you anticipate for the project?

(Example: Abstract, poster, etc.)

Posters, journal articles, and possibly conference presentations.

Additional Comments:

At this time there is no set funding, though there may be a stipend for the position in the future.

Project Title:
The Ped Boot

Mentor Name:
Paola Pergami, MD, PhD

Project Description:

Rehabilitation robotics. Basic understanding of engineering and biology are necessary. Students will need transportation to get to Children's National Hospital, enroll patients into the study, and collect data.

Weekly Time Commitment:

5-6 hours

Location:

Children's National Hospital

What are expectations that you have for the student?

Commitment is important. Students should be focused on data collection and literature reviews to contribute to their abstract and poster.

What end result do you anticipate for the project?

(Example: Abstract, poster, etc.)

Abstract/poster to present at conferences.

Project Title:

Retrospective Blood Pressure/Blood Glucose Chart Review

Mentor Name:

Paola Pergami, MD, PhD

Project Description:

This is a retrospective chart review to determine how changes in blood pressure and blood glucose levels correlate to stroke severity in children. .

Weekly Time Commitment:

3-4 hours

Location:

Children's National Hospital

What end result do you anticipate for the project?

(Example: Abstract, poster, etc.)

Abstract and manuscript.

Project Title:
MRI Data Analysis

Mentor Name:
Paola Pergami, MD, PhD

Project Description:

Students will have the chance to learn simple analysis of MRI data in Neonates with hypoxic injury.

Weekly Time Commitment:

5-6 hours

Location:

Georgetown Hospital

What are expectations that you have for the student?

A strong commitment to research is required. Reliable transportation to Georgetown and computer skills are necessary as well.

What end result do you anticipate for the project?

(Example: Abstract, poster, etc.)

Develop an abstract and a poster.

Project Title:
Stroke Education

Mentor Name:
Paola Pergami, MD, PhD

Project Description:

Continue stroke education effort in school. Will partners with AHA to make this sustainable. Mentor will revise material and assist with training. Complete pilot in a couple of schools and collect pre and post training data. Compile data to assess effectiveness.

Weekly Time Commitment:

2+ hours

Location:
Washington D.C. area

What end result do you anticipate for the project?

(Example: Abstract, poster, etc.)

Develop an abstract and a poster.

Additional Comments:

Needs to be available to go to schools and work with kids for a few hours, 3-4 times a year.

Project Title:
Ethnic Differences in Depression Screening in Acute Ischemic Stroke Patients

Mentor Name:
Richard T. Benson, MD/PhD

Project Description:

The objective of this project is to evaluate potential differences in rates of depression in Blacks, Whites, and Hispanics, admitted to MWHC with acute ischemic stroke, based on a retrospective review of depression screening data over the last few years.

Weekly Time Commitment:

3-4 hours

Location:

Medstar Washington Hospital Center

What are expectations that you have for the student?

1. Perform literature search
2. Write hypothesis statement and null hypothesis
3. After IRB approval, assist in retrospective chart review
4. Assist in data analysis and writing up results

What end result do you anticipate for the project?

(Example: Abstract, poster, etc.)

The goal will be to create an abstract (for presentation at major meeting) and/or publication of results in a major journal.

Additional Comments:

This topic may change or be modified based on circumstances and/or new ideas from discussions between the mentor/mentee.

Application

Please submit this application to lauren.payne@cmmppmed.org and alandra.brown-cox@cmmppmed.org as **one complete PDF document**. We will only consider applications that are submitted as one complete file. We recommend using DocHub to edit this PDF.

Please be sure to include your letter of interest(s), CV/resume in your application, and completed application form in your completed single PDF File.

Demographic Information

| | |
|--------------------------------|--|
| Name | |
| Email Address | |
| Cell Phone Number | |
| School | |
| Major | |
| Anticipated Year of Graduation | |
| Research Project of Interest | |
| Mentor Name | |

Short Answer Questions

What is your schedule for the upcoming Academic Year (2018-2019)

Please include the type of coursework and other time commitments you will have as well. How much time will you be willing to devote to this Clinical Research Internship?

In your own words, what is the importance of CMMP?

Please include a response at or near 500 words in the space below. Please mention CMMP's CRI Program and how you plan to uphold the requirements and expectations of the program as well.



Applicant Electronic Signature

I affirm that I have attached my resume/CV and letter of interest with this application.

I affirm that the information given on this form is correct and true to the best of my knowledge.

Sign here:

