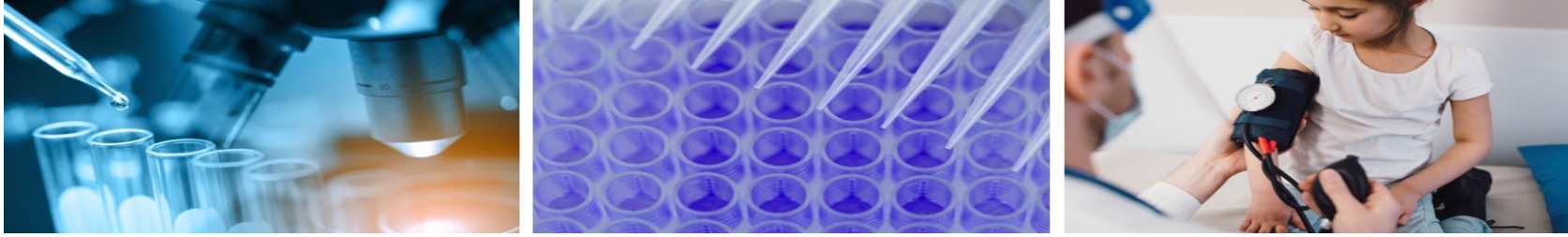


# Clinician Research Experiential Summer Training (CREST) Program



As part of the [New Jersey Alliance for Clinical and Translational Science \(NJ ACTS\)](#), **five MD students at RWJMS** and five PharmD at the Ernest Mario School of Pharmacy (EMSOP) will be selected for **immersion in translational science training** as part of the existing summer research programs at RWJMS and EMSOP.

**Objective.** The NJ ACTS CREST program aims to **immerse medical and pharmacy students in research experiences that advance their analytical and technical skills and stimulate the pursuit of advanced research training in translational science.**

Ultimately, CREST offers an approach to building a well-trained clinician-scientist workforce prepared to address the public's health challenges.

**Activities:** A tailored training program will include a **mentored research project**, interprofessional **career development sessions** with PharmD students, **completion of digital badge training in translational science.**

**Enrichment activities** will include **human subjects training, clinical research, entrepreneurship, and team science.**

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## Eligibility:

- **RWJMS medical students completing their M1 year** in Spring 2025 are eligible to apply as part of the existing RWJMS Summer Research Program.
- **Must** conduct your summer research project **with one of the CREST Program Mentors** from the **NJACTS Academy of Mentors** (see **CREST mentor list on next slide**).

## Duration and Stipend:

- CREST is a 10-week program funded by an R25 grant from the National Institute of Health (NIH).
- CREST scholarships are \$5,000.

## How to apply for CREST?

- Submit a **RWJMS Summer Research Program Fellowship application** with one of the **CREST Program Mentors** (see **CREST mentor list on next slide**)
- Clearly indicate **(CREST)** at the end of your project title on the **Fellowship application form**
- Follow the guidelines for the **RWJMS Summer Research Program Fellowship application**
- **Include an additional statement** (i.e. short paragraph) at the **end of your abstract** in your fellowship application regarding **your interests in translational research and clinical science.**

## Selection

A CREST Program faculty committee will review applications and select 5 RWJMS M1s from the pool of CREST applicants. NOTE: If your fellowship application is not selected for CREST, you will be under consideration for a RWJMS Summer Research Fellowship (i.e. do not submit duplicate applications)

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## CREST Program Research areas include:

- ***Disease pathogenesis*** (Boison, Dreyfus, Laskin, Mouradian, Shah)
- ***Heterogeneity in disease susceptibility and response*** (Aleksunes, Cole, Panettierri, Pato)
- ***Epidemiology/pharmacoepidemiology*** (Gerhard, Horton)
- ***Microbiome*** (Blaser, Gow, Narayanan)
- ***Clinical interventions*** (Carson, Hu)
- ***Molecular biology and pharmacology*** (Douglas, Guo, Jang)
- ***Dissemination and implementation science*** (Hudson, Jimenez, Kleinman)
- ***Pharmacokinetics and drug delivery*** (Brunetti, Kagan, Hatefi, Minko)
- ***Climate change and health*** (Setoguchi)
- ***Cancer biology*** (Zong)