

Medicine Institute Research Program



2020 Summer Research Internship Program

Welcome

The Medicine Institute (MI) at Allegheny Health Network (AHN) is seeking applicants for its Class of 2020 Summer Research Internship Program. Our program, based in Pittsburgh, PA, offers undergraduate, graduate, and medical students the opportunity to conduct an independent research project over the course of a full-time (40 hours per week), eight-week internship under the mentorship of an MI investigator. Interns gain experience in all aspects of the research process, including reviewing relevant literature, developing experimental protocols, conducting experiments at the bench or bedside, analyzing data, and delivering an oral presentation of their project to MI faculty and staff at the conclusion of the internship. Our program also includes numerous opportunities to shadow clinicians, a series of didactic lectures focused on specific disease areas, and career development workshops.

Internships are supported by a stipend from AHN or by academic credit from your school. Assistance with locating housing in Pittsburgh during the summer is available upon request to students invited to participate in the internship program.

Application process

Interested students can apply at the link below beginning on December 9, 2019. All applications must be completed by January 31, 2020, at 5 PM ET.

Application requirements

- Minimum GPA 3.5
- Preference given to undergraduate students who are sophomores or juniors at the time of application and enrolled graduate or medical students
- Foundational coursework in the biological sciences preferred

Application link

<http://apply.interfolio.com/70763>

To complete your application, you will be asked to upload your current resume and current transcript (unofficial is acceptable); if you are a graduate/medical student, your undergraduate transcripts are also required. You will also be asked to identify a current or former professor to provide a letter of recommendation. You will receive instructions for this step during the application process, but you may wish to notify your professor of your request in advance. Recommendation letters must come from a professor who is a faculty member with a doctoral degree in the biological sciences.

Timeline

January 31, 2020, 5 PM ET:

Application deadline (the online system will not accept applications after this date).

March/April 2020:

Candidate telephone interviews; positions offered to selected applicants.

June 1, 2020:

Class of 2020 internships begin.

July 24, 2020:

Class of 2020 internships end.

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Previous projects

The following are examples of independent research projects conducted by previous MI interns:

- “Comparison of Chemotherapy Tolerance and R0 Resection Rates in Resectable Pancreas Cancer Pre- and Post-Surgery”
- “Cardiovascular Disease and Events in the Pittsburgh Lupus Cohort”
- “The Role of Neutrophils in Posttraumatic Epileptogenesis”
- “Cell-bound Complement Activation Products in Autoimmune Thyroiditis”
- “Women’s Behavioral Health Quality Improvement Initiative”
- “Hospital Elder Life Program: Impact on Delirium”



Class of 2019 MI interns

Participating Colleges and Universities

MI interns have joined our program from over 40 colleges and universities, including:

- Allegheny College
- Bucknell University
- Carnegie Mellon University
- California University of Science and Medicine
- Case Western Reserve University
- Chatham University
- Colgate University
- College of New Jersey
- College of the Holy Cross
- Duke University
- Gannon University
- Grove City College
- Lake Erie College of Osteopathic Medicine
- Ohio State University
- Penn State University
- Philadelphia College of Osteopathic Medicine
- Princeton University
- Saint Vincent College
- San Juan Bautista School of Medicine
- Trinity College (Dublin)
- University of Colorado
- University of Michigan
- University of Notre Dame
- University of Pennsylvania
- University of Pittsburgh
- University of Toledo
- University of Virginia
- Villanova University
- Virginia Tech
- Wake Forest University
- Washington & Jefferson College
- West Virginia School of Osteopathic Medicine
- Westminster College

Feedback from previous MI interns

- “It was great to see both sides of the equation — the **research** that strives to bring patients better care and the patients who actually need the care.”
- “I will **genuinely** miss these 8 weeks.”
- “Now I am seriously considering a different **career path** in medicine, one that involves more research than I previously thought I would conduct as a physician.”
- “I was an essential part of a research **team**.”
- “This internship allowed me to be **creative** and think like a scientist.”
- “The lectures by the physicians and researchers were **amazing**.”
- “We were not only allowed but **encouraged** to figure things out for ourselves.”
- “The entire experience has been an **essential** part of my developing career plans that I never knew was missing.”
- “I thought the program was **extremely** well-designed and well-scheduled.”

Questions?

Email: Mlinternship@ahn.org

