

NIH-NIDDK/KUH

Yale Summer Undergraduate Medical Research (SUMR)

Request for Applications

Yale University School of Medicine invites submission of applications from undergraduate students who are interested in working in a state of the art research environment under the supervision of established investigators studying novel mechanisms and treatments for kidney and urological diseases, non-malignant hematological diseases, and hypertension.

Program Description:

The program's mission is designed to prepare undergraduate students who are interested in developing careers as scientific investigators in biomedical research. As there are many patients worldwide afflicted with kidney, urological, and hematological diseases, further knowledge is needed to understand the mechanisms underlying the disease processes and to develop new treatments. The program will provide students with an exciting "hands-on" opportunity to conduct fundamental research in clinical and basic science laboratories directly investigating human disease processes. Students will learn to formulate hypothesis-driven research, to obtain and analyze the generated data, and to write-up the results. In addition to conducting research, the students will have the opportunity to participate in a formal 10-12-week series of didactic sessions led by the principal investigators ranging in topics from how blood and urine is generated in the body, the fundamental tools of research, and career development in biomedical research.

Stipend:

\$525/week for 10-12 weeks, and an all expense paid trip to present his or her work at Emory University in Georgia, at the end of the summer.

Application Procedure and Criteria:

Commitment to 10-12 weeks of full-time research at Yale University from the last week of May-to the middle of August 2021. (Exceptions on start and end dates will be made for those applicants on the quarter system.) Students must be available to present his or her work either virtually or at Emory University in early August 2021.

Applicants who have applied to this program in prior years, only need to send an updated CV and transcript.

Eligibility for applications will consist of the following requirements.

1. Summer students applying must have a GPA >3.5 (0-4.0 scale).
2. Student applicant must be a full time undergraduate student from an accredited university or college.
3. Student applicant will send a resume describing college awards/honors received, describing previous laboratory experiences, and a 500-word description of his or her research interest and how this relates to long-term career goals.
4. An official transcript and two letters of references that indicate the student's motivation and long-term potential as a biomedical researcher will be sent to Ms. Anne Prodoti. Recommendation letters should not be requested from coaches, high school teachers, or politicians, and standardized test scores will not be requested.

Applications can be submitted beginning October 26, 2020. Approved applicants will be notified on a rolling basis between February 1 and March 31, 2021. We will accept applications until March 1.

Applicants who were declined are welcome to apply the following year if they still satisfy the application criteria.

All materials should be emailed to Ms. Anne Prodoti at anne.prodotti@yale.edu

If you have any questions, please do not hesitate to contact Ms. Prodoti.