

NIH-NIDDK/KUH

Yale Summer Research Fellowships for Undergraduate Students

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:

\$500/week for 10-12 weeks, and \$750 travel grant to present his or her work at the NIH (or a place to be determined), 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 2017. (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 at the National Institute of Health (NIH) at Bethesda, MD in early August.

Applicants who have applied to this program in prior years need to satisfy the application criteria. Only an updated CV and transcript need to be submitted.

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 should be a United States citizen or permanent resident.
4. 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.
5. 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 will be accepted between November 1, 2016 and February 28, 2017. Approved applicants will be notified on a rolling basis between February 1st and March 31st, 2017.

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

If you have any questions, please do not hesitate to contact Ms. Prodoti at the above email.