HEALTH
DESIGN
LAB

Health Design Lab Student Programs

Health Design Student Fellowship

Health Design Student Fellows are Thomas Jefferson University Students who are interested in taking a year off from traditional didactics to pursue independent research at the intersection of health and design. At this time, students must be self funded via grants or other sources. Goals will be customized for each individual on a case-by-case basis. Fellows will be provided with 24 hour employee access and a work space in the Health Design Lab, access to material resources for executing design projects, and mentorship from our network of faculty members and designers. The year will culminate in at least one research based scholarly publication.

Health Design Lab Research Assistant

Health Design Lab Research Assistants (RA) work with faculty mentors to design and execute research projects in the Health Design Lab year round. RAs will be provided with 24 hour employee access to the Health Design Lab, access to material resources for executing design projects, and mentorship from our network of faculty members and designers. Students will have the opportunity to join a research team/topic that interests them and/or initiate their own research. Research Assistants are expected to assist with organization, upkeep, and maintenance of the Lab and Lab equipment, as well as serve as a resource for instructing others on how to use the various resources throughout the Lab. There is no mandatory hourly work requirement for non work-study students, however it is expected that students will contribute significantly to the mission and function of the Lab. Any Thomas Jefferson University Student may apply.

Health Design Lab Summer Internship

Health Design Lab Summer Internship students work with faculty mentors to design and execute special projects in the Health Design Lab during the summer months (avg 8-10 weeks). Students will have the opportunity to work in a team, on a number of initiatives based out of the Health Design Lab. Interns are expected to give 30-40 hours/week of effort, however dates and hours are flexible when not actively working in the field. Summer Interns are also expected to assist with organization, upkeep, and maintenance of the Lab and Lab equipment.

Undergraduate and graduate students from any University may apply. Availability of financial compensation budget and program slots will determine the number of students accepted each year.

Design Scholarly Inquiry Track Students

JeffDESIGN Scholarly Inquiry Track (SI-DES) Students are those currently enrolled in the Design Track at Sidney Kimmel Medical College, Thomas Jefferson University. These students have access to the Lab and its resources throughout their 4 years of medical school to work on health design projects related to their curricular design work. SI-DES students will have access to the Health Design Lab during normal business hours, where they can utilize the design resources available in the Lab. After hours access, as well as use of high-cost resources or advanced equipment in the lab must be coordinated through the Lab Director (or Research Assistants). SI-DES students are expected to maintain the organization and cleanliness of the Lab, as well as report any issues to the Lab Director.

Requirements (for all positions except SI-DES students)

Students must be: comfortable working in a team, organized, independently motivated, and have excellent verbal and written communication skills.
Students must also have willingness and dedication to learn how to utilize and maintain technology such as desktop 3D printers and other technologies and tools in the lab.

Examples of preferred skills:
Computer Aided/Graphic design or art (Adobe Suite)
Multimedia editing (Film/Photography)
Coding ability/Computer literacy
3D printing experience
Data visualization/statistics
Any other skills that may be useful in helping design, create, and implement new healthcare technologies.

Previous projects have included: 3D Printing for ENT Surgery Planning, 3D Printed Ultrasound Training Models, 3D Printed Radiation Oncology Boluses, 3D Printed Heart Models for TEE training, Tools for Reducing Anxiety Associated with Pediatric Hospitalization, Studying the Emergency Department Built Environment, Playgrounds as Health Interventions, and Design Thinking Education, Re-imagined health outreach programming.

For more information, contact:
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