Summer Cardiovascular Research Internship Program (SCRIP) at Rice U.

Located adjacent to the Texas Medical Center - the largest medical center in the world - Rice offers a unique opportunity for undergraduates to perform cutting-edge cardiovascular research ranging from fundamental science and translational medicine to community health. The American Heart Association (AHA) sponsors the SCRIP. This program is administered by the Institute of Biosciences and Bioengineering (IBB) at Rice University.

The SCRIP will recruit undergraduates from the greater Houston area to perform research for 10 weeks in the departments of Bioengineering, Biosciences, Chemical and Biomolecular Engineering, Chemistry, Computational and Applied Mathematics, Psychology, Sociology and Statistics. The interns chosen will interact with faculty sponsors and their research groups to solve significant problems of relevance to heart disease and stroke patients.

The SCRIP offers a $4,000 stipend. Housing will not be provided. Houston-area based students are encouraged to apply. This internship is open to U.S. Citizens, Permanent Residents and International Students currently holding a student visa.
This program includes:

• Seminars & Lunch Meetings
These include weekly discipline-related seminars, as well as an in-depth ethics and responsible conduct of research seminar. Also provided will be sessions on graduate school and career options and how to prepare an effective poster.

• Poster Symposium
The capstone of the program will be a symposium where students will present posters on their work with all of the Rice undergraduate programs performing summer research.

• Other Activities Include
Weekly Journal Club, mentoring to high school interns, field trips to the Texas Medical Center, and ongoing communication and development.

The SCRIP will provide a group of young cardiovascular investigators with the foundation and inspiration to translate their research experiences into future high-impact endeavors that enhance the quality of life for persons afflicted with cardiovascular diseases.

Mentors will be available in 5 Focus Areas:
1) vasculogenesis in developmental biology
2) basic science of cardiovascular cells, tissues, & organs
3) computational cardiovascular modeling
4) translational cardiovascular science
5) cardiovascular health in the community.

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