CPRIT Summer Undergraduate Fellowship in Computational Cancer Biology

June 1 – August 5, 2016
Funded by Cancer Prevention and Research Institute of Texas (CPRIT) RP140113

Our Computational Cancer Biology Training Program offers selected summer research undergraduates the chance to work one-on-one in labs with postdoctoral fellows who have mentors at the interface of two different research disciplines: one computational and one biological. This unique program offers you the opportunity to gain an interdisciplinary outlook on the problems presented in fundamental cancer research.

You will be matched for a research experience in one of the participating labs of the Gulf Coast Consortia, which is comprised of multiple institutions in Houston and Galveston, Texas according to your interests, previous knowledge and/or experience, and the availability of positions. You will work full time (~40 hours/week) during this 10-week period on an ongoing project in the lab, learning lab protocol and techniques, and prepare a final report and present a poster on your project at the end of the program.

Who is eligible?

- Rising sophomores, juniors, or seniors majoring in either quantitative or biological sciences, such as:
  - statistics
  - computational & applied math
  - computer science
  - biology
  - biochemistry
  - bioengineering
  - chemistry
  - physics
- Preferred: students interested in interdisciplinary research and in going to graduate or medical school; those having relevant coursework, and computational/programming knowledge and skills
- We particularly encourage applications from members of under-represented minority groups
- US Citizenship or Permanent Residency required; international students enrolled at UH may be eligible.

What is the stipend?

- $4,750 stipend total for the 10-week full-time summer research experience (students must provide their own transportation and housing).

What is the application process?

Please prepare and submit your application package to include the following material:

- Resumé: include your contact information (i.e. cell phone number), the name of your college or university, your year and major, and current GPA; list all previous jobs you have had (including jobs in a lab, if any), and any computer language / programming courses taken or experience you have
- One-page statement about why you are interested in computational cancer biology, what you hope to gain from this summer research experience, and your preference for a ‘wet’ lab or a computational lab (NOTE: the availability of ‘wet’ labs is limited, therefore your choice may not be guaranteed).
  *Statement format: 11 pt, single spaced, 1” margins; include your name at the top.*
- Academic Transcripts from all undergraduate institutions attended, including course enrollment in current semester. Unofficial copies are acceptable.
- 2 letters of recommendation from faculty member(s)/former employer(s), emailed directly to herrera@rice.edu

All application materials, including transcripts and recommendation letters, must be received on or before Monday, February 15, 2016 via mail (to the address shown below) or email to Vanessa Herrera at herrera@rice.edu. All applicants will be notified of an acceptance decision no later than April 8, 2016.

Physical address for sending in your application materials:
Gulf Coast Consortia, MS 141
Attn: Vanessa Herrera
PO Box 1892
Houston, Texas 77251-1892

For more information scan this QR code, go to https://gcc.rice.edu/CCBTP_SummerProgram.aspx, or contact Vanessa Herrera at herrera@rice.edu.

The Gulf Coast Consortia administering this program is comprised of Baylor College of Medicine, Rice University, University of Houston, UT Health Science Center at Houston, UT Medical Branch at Galveston, UT MD Anderson Cancer Center, and the Institute of Biosciences & Technology of Texas A&M Health Science Center.