Overview: The Undergraduate Astronomy Program at UT Austin

Professor Shardha Jogee
Undegraduate Advisor for Astronomy
The Astronomy Department at UT Austin

http://www.as.utexas.edu/
UT Astronomy Department

• One of the top 10 astronomy departments in the US (NRC)

• Very broad research program
  
  From $10^{-35}$ s to $1.3 \times 10^{17}$ s:
  
  Planets, Stars, Galaxies, ISM, Theory
  
  http://www.as.utexas.edu/research

• Extensive observing facilities
  
  Mc Donald Observatory in West Texas:
  9.2m Hobby-Eberly Telescope
  2.7m Harlan J. Smith Telescope,
  2.1m Otto Struve Telescope, 0.8m Telescope

  Southern African Large Telescope (SALT)
Undergraduate Astronomy Program at UT Austin

http://www.as.utexas.edu/astronomy/education/ugradstudies.html
Undergraduate Astronomy Program at UT

Degrees

BA and BSc.
Honors Program in Astronomy
Dean’s Honors Program

Contacts:
http://www.as.utexas.edu/astronomy\education/ugradstudies.html

PMA Senior academic advisor: Susan Brown
Undergraduate astronomy advisor: Prof. Shardha Jogee
Undergraduate astronomy Honors advisor: Prof. Greg Shields
Astronomy student coordinator/advisor: Stephanie Crouch
Research Opportunities for Undergraduates at UT

1) In the UT astronomy department
   http://www.as.utexas.edu/astronomy/education/ugradstudies.html
   Research projects offered by astronomy faculty/staff is online!
   Check it out and get involved in research EARLY (year 2 or even year 1)

2) Summer Research at Mc Donald Observat.
   Astronomy, astrophysics, engineering

3) Summer REU (Research Experience for Undergraduates) program
Fellowships and Scholarships for Astronomy Undergraduates

1) Astronomy Department Awards by astronomy department
   http://www.as.utexas.edu/astronomy/education/uawards.html

   - Karl Henize Memorial scholarship (500); BoV Undergraduate award (500);
     Outstanding Senior award (500)
   - In the works: 1st year scholarships + Research scholarships for summer projects

2) CNS undergraduate research awards
   http://ww.utexas.edu/cons/urp

   2 available in astronomy this semester for 1300 each. (Oct 15 deadline)

3) CNS undergraduate scholarships and fellowships
   http://ww.utexas.edu/cons/students/scholarships

4) UT Coop Undergraduate Research Fellowship Competition
   http://ww.utexas.edu/cons/research/vp/awards

   Award of up to 1000, Deadline Mon Sep 26
Mentorship program between graduate & undergraduates

Talk to Stephanie Crouch if you would like to have a graduate student mentor

Career opportunities with a degree in Astronomy

http://careers.ns.utexas.edu/students/careerinfo/infobymajor/astronomy.html

Astronomy, Engineering, Science writing/Journalism,
Climate research,
Defense, etc