



***Overview : The Undergraduate Astronomy  
Program at UT Austin***

# *Career opportunities with a degree in Astronomy*

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

Research (faculty/staff in universities, national observatories,,NASA)

Education (faculty/staff in universities, teaching colleges)

Science writing/Journalism

Climate research

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Defense

Computers, electronics, equipment design for non-astronomical research

Data analysis for non-astronomical research

Software development

Government and industry.

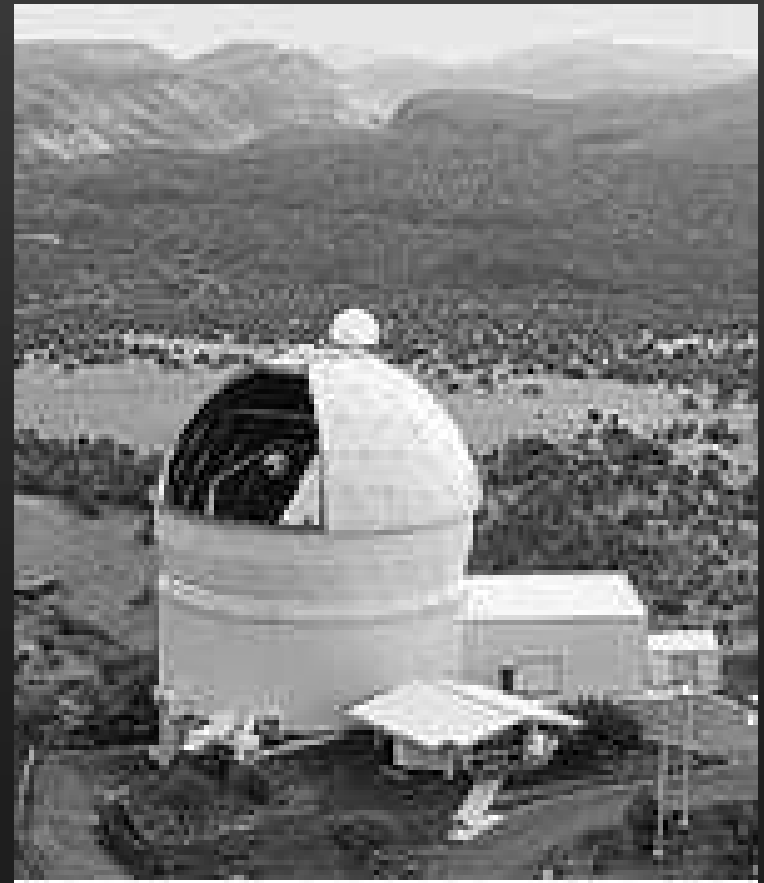
Engineering

*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
  - à 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
  - à 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

# Fellowships and Scholarships for Astronomy Undergraduates

## 1) Astronomy Department Awards by astronomy department

<http://www.as.utexas.edu/astronomy/education/uawards.htm>

- Karl Henize Memorial scholarship (500)
- BoV Undergraduate award (500);
- Outstanding Senior award (500)
- Cox excellence award for undergraduates (3600)
- In the works: 1st year scholarships + Research scholarships for summer projects

## 2) CNS undergraduate research awards

<http://www.utexas.edu/cons/urp>

## 3) CNS undergraduate scholarships and fellowships

<http://www.utexas.edu/cons/students/scholarships>

## 4) UT Coop Undergraduate Research Fellowship Competition

<http://www.utexas.edu/cons/research/vp/awards>

Award of up to 1000, Deadline Mon Sep 26

## Research Opportunities for Undergraduates at UT

1) In the UT astronomy department

<http://www.as.utexas.edu/astronomy/education/ugradstudies.html>

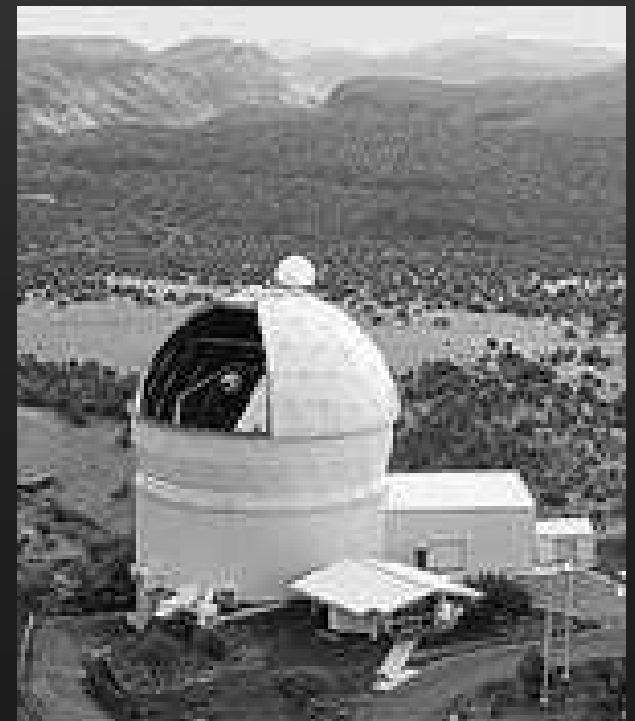
à **Research projects offered by astronomy faculty/staff is online!**

à **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



# Mentorship program between graduate & undergraduates

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

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