

# Earthquake Internships

Summer Research Opportunities in  
**Earth Science & Information Technology**  
with the Southern California Earthquake Center

## *SURE Internship*

Summer Undergraduate  
Research Experience

### Description:

Conduct field, laboratory, and/or theoretical research under the supervision of leading scientists in the fields of geophysics, earthquake geology, seismology, computer science, tectonics, and geodesy.

### Term & Location:

8-10 week summer program  
Various SCEC institutions

### Candidates:

Typically Earth Sciences majors  
Juniors and Seniors  
U.S. Citizens or permanent  
residents



```
t tstart from file
h open("tstart.out", "r") as fp in:
  tstart = float(fp_in.readline())
  fp_in.close()

ange maxT, outFnameInfix, initTauFname, initSigmaFname,
nt "Changing parameters."
ams[ 'tstart' ] = tstart
ams[ 'maxT' ] = maxT
ams[ 'outFnameInfix' ] = restart_name
ams[ 'initTauFname' ] = "%s.initTau" % (restart_name)
ams[ 'initSigmaFname' ] = "%s.initSigma" % (restart_name)
ams[ 'initThetaFname' ] = "%s.initTheta" % (restart_name)

ams[ 'pinnedFname' ] = "%s.pin" % (restart_name)
ams[ 'writeSigma' ] = 2
ams[ 'writeTau' ] = 2
ams[ 'writeTheta' ] = 2
```

## *USEIT Internship*

Undergraduate Studies in Earthquake  
Information Technology

### Description:

Collaborate between teams using information technology to develop technical tools for scientists, educators, and policy makers about earthquakes, faults, seismic hazard mitigation, and earthquake risk reduction.

### Term & Location:

June 12 - August 4, 2017  
USC (Los Angeles, CA)

### Candidates:

All majors  
All undergraduate years  
U.S. Citizens or permanent  
residents



Apply by February 24, 2017\*



\*Priority deadline to apply is February 24, 2017;  
applications accepted until positions are filled

University of Southern California  
Los Angeles, CA | [scec.org](http://scec.org)

[www.scec.org/internships](http://www.scec.org/internships)