

# SUREC

## Summer Undergraduate Research Experience Course

at



**TEXAS**  
The University of Texas at Austin



**AUSTIN  
COMMUNITY  
COLLEGE  
DISTRICT**

Supported  
by



**GEOPATHS program**

### Default Question Block

Teachers value students' feedback and take it into account when improving their courses. Please be as precise as you can in your answers. Please choose "not applicable" for any activity you did not do. You may find one or more questions at the end of each section that invite an answer in your own words.

Please comment candidly, bearing in mind that future students will benefit from your thoughtfulness. Remember that this is an anonymous survey: your teacher will never know what any individual student has written.

The results will be used to improve future research opportunities at your college and to report to the National Science Foundation IUSE program, which helps support undergraduate research experiences. This survey is being conducted by Washington State University's Social and Economic Sciences Research Center, on behalf of the Austin Community College.

Have you declared a major (or do you intend to declare a major)...

Yes

Maybe

No

	Yes	Maybe	No
In a science, technology, engineering, or math field?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In the geosciences?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What major have you declared (or do you intend to declare)?

## GAINS IN THINKING AND WORKING LIKE A SCIENTIST: APPLICATION OF KNOWLEDGE TO RESEARCH WORK.

How much did you GAIN in the following areas as a result of your most recent research experience?

	No Gains	A Little Gain	Moderate Gain	Good Gain	Great Gain	Not Applicable
Analyzing data for patterns.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Figuring out the next step in a research project.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Problem-solving in general.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Formulating a research question that could be answered with data.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identifying limitations of research methods and designs.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding the theory and concepts guiding my research project.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding the connections among scientific disciplines.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	No Gains	A Little Gain	Moderate Gain	Good Gain	Great Gain	Not Applicable
Understanding the relevance of research to my coursework.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## PERSONAL GAINS RELATED TO RESEARCH WORK

How much did you GAIN in the following areas as a result of your most recent research experience?

	No Gains	A Little Gain	Moderate Gain	Good Gain	Great Gain	Not Applicable
Confidence in my ability to contribute to science.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Comfort in discussing scientific concepts with others.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Comfort in working collaboratively with others.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Confidence in my ability to do well in future science courses.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to work independently.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Developing patience with the slow pace of research.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding what everyday research work is like.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taking greater care in conducting procedures in the lab or field.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall college experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## GAINS IN SKILLS

How much did you GAIN in the following areas as a result of your most recent research experience?

	No Gains	A Little Gain	Moderate Gain	Good Gain	Great Gain	Not Applicable
Writing scientific reports or papers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Making oral presentations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Defending an argument when asked questions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Explaining my project to people outside my field.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparing a scientific poster.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Keeping a detailed lab notebook.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conducting observations in the lab or field.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using quantitative skills, such as algebraic equations and statistics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Calibrating instruments needed for measurement.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working with computers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding journal articles.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conducting database or internet searches.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Managing my time.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conducting data analysis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**THE FOLLOWING QUESTIONS ASK ABOUT YOUR OVERALL RESEARCH EXPERIENCE AND ABOUT ANY CHANGES IN YOUR ATTITUDES OR BEHAVIORS AS A RESEARCHER.**

During your research experience HOW MUCH did you:

	None	A Little	Some	A Fair Amount	A Great Deal	Not Applicable
Engage in real-world science research.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Feel like a scientist.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Think creatively about the project.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Try out new ideas or procedures on your own.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Feel responsible for the project.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work extra hours because you were excited about the research.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interact with scientists from outside your school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Feel a part of a scientific community.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## RESEARCH EXPERIENCE

As part of my most recent research experience...

	Yes	No
I presented a talk or poster to other students or faculty on my campus.	<input type="radio"/>	<input type="radio"/>
I presented a talk or poster (in person or virtual) at a professional conference.	<input type="radio"/>	<input type="radio"/>
I presented at the weekly group meetings	<input type="radio"/>	<input type="radio"/>

Rate how much you agree or disagree with the following statements.

	Strongly Disagree	Disagree	Agree	Strongly Agree
Doing research confirmed my interest in my field of study.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Doing research clarified for me which field of study I want to pursue.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My research experience has prepared me to transfer from a 2-year to a 4-year institution.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My research experience has prepared me for a job.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Compared to your intentions BEFORE doing research, HOW LIKELY ARE YOU NOW to:

	Not More Likely	A Little More Likely	Somewhat More Likely	Much More Likely	Extremely More Likely	Not Applicable
Complete your Associates degree?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Transfer to a 4-year institution?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Complete your Bachelors degree in science, mathematics or engineering?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enroll in a masters program in science, mathematics or engineering?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enroll in a Ph.D. program in science, mathematics or engineering?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enroll in a combined M.D/Ph.D program?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not More Likely	A Little More Likely	Somewhat More Likely	Much More Likely	Extremely More Likely	Not Applicable
Enroll in medical or dental school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enroll in a program to earn a different professional degree (i.e. law, veterinary medicine, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pursue certification as a teacher?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work in a science lab?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

To what extent has mentoring helped you achieve your personal goals?

- To a great extent
- To some extent
- Not at all

How has mentoring help you achieve your personal goals?

- Successfully completing the SUREC program
- Transferring to a 4 Year College
- Time management
- Other (please specify):

## FUTURE CAREER PLANS

How did your research experience influence your thinking about future career and graduate school plans? Please explain.

## OTHER GAINS

Did you make other gains from doing research that we didn't mention? If so, please briefly describe these.

Were you a "visiting researcher" - doing research away from your home institution?

- Yes
- No

## DEMOGRAPHICS

What is your gender?

- Male
- Female
- Prefer not to answer



What is your race/ethnicity? (Choose all that apply.)

	Yes	No
American Indian	<input type="radio"/>	<input type="radio"/>
Asian	<input type="radio"/>	<input type="radio"/>
Black or African American	<input type="radio"/>	<input type="radio"/>
Hispanic/Latino	<input type="radio"/>	<input type="radio"/>
Native Hawaiian or other Pacific Islander	<input type="radio"/>	<input type="radio"/>
White	<input type="radio"/>	<input type="radio"/>
Other (please specify): <input type="text"/>	<input type="radio"/>	<input type="radio"/>

Please indicate your mother's education level.

- Not a high school graduate
- High school graduate
- Some college
- Associates degree
- College graduate
- Bachelors degree
- Graduate or professional degree

Please indicate your father's education level.

- Not a high school graduate
- High school graduate
- Some college
- Associates degree
- College graduate
- Bachelors degree
- Graduate or professional degree

## Block 1

Are you from a low-income home?

(<http://www2.ed.gov/about/offices/list/ope/trio/incomelevels.html>)

Yes

No

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