

# Research Mentorship Program Questionnaire



Name: \_\_\_\_\_

What are your educational & professional goals in the next four years?

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*The following 10 questions are not a test. Your answers will guide us towards the level of sophistication we can assume at the beginning of the program. Please, answer to the best of your own knowledge and understanding. Type your thoughts and use an additional page as needed.*

1. Leslie and Devon tend to spend much time at the library. They read their assignments there and do homework. But they also enjoy browsing through many non-assigned sources. Some of their classmates tease them about it. What would your advice for them be?

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2. What can be wrong with a couple of cans of cold beer, or a bubbly glass of champagne, absorbed into your blood stream and tissues, when you do not have to drive?

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3. Is there anything positive and useful about alcohol? (*Please take a moment to consider before answering.*)

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4. More than half of the residents in the northern part of your county have been experiencing reoccurring bursts of upper respiratory difficulties. Suggest a plan for investigating the problem and identifying potential factors causing it.

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5. Some Santa Barbara residents are resisting a large housing development planned to replace a local Butterfly Grove. The issue of humans taking over natural habitats & replacing wildlife has been pointed out time and again. Are humans in need of space to grow into as their populations grow? What is your thoughtful opinion about the subject?

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6. Biologists use terms such as hypothesis, zonation, photosynthesis and antibodies. Astronomers talk about white dwarfs, red giants, quasars, active galactic nuclei, neutron stars and black holes. Every profession uses specialized terminology. What is the reason experts in all areas develop specialized professional vocabularies? Are they necessary? Why?

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7. Are plants really different than animals when you take a scientific close look at them? How?

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8. Do you use the scientific method of investigation in your daily activities?  Yes  No  Not Sure  
Explain:

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9. Can you create a real fossil? If so, how do you do that?

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10. Please indicate your areas of interest in order of priority.  
(*1 being most attractive; not all disciplines listed may be available.*)

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| <input type="checkbox"/> Anthropology      | <input type="checkbox"/> Art         | <input type="checkbox"/> Astronomy       | <input type="checkbox"/> Biology          |
| <input type="checkbox"/> Chemistry         | <input type="checkbox"/> Classics    | <input type="checkbox"/> Communication   | <input type="checkbox"/> Computer Science |
| <input type="checkbox"/> Ecology           | <input type="checkbox"/> Engineering | <input type="checkbox"/> Geography       | <input type="checkbox"/> Geology          |
| <input type="checkbox"/> History           | <input type="checkbox"/> Linguistics | <input type="checkbox"/> Marine Biology  | <input type="checkbox"/> Music            |
| <input type="checkbox"/> Neuroscience      | <input type="checkbox"/> Philosophy  | <input type="checkbox"/> Physics         | <input type="checkbox"/> Psychology       |
| <input type="checkbox"/> Religious Studies | <input type="checkbox"/> Sociology   | <input type="checkbox"/> Women's Studies |   |
| <input type="checkbox"/> Others _____      |                                      |  |   |

*Thank you for your input. We hope to meet you in Santa Barbara this summer.*

**Upon completion, please return to:**

**UCSB Summer Sessions  
Research Mentorship Program / Dr. Fuller  
Santa Barbara, CA 93106-2010**

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