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## **Educational Impact: The Evaluation of USC Undergraduates Practices and Knowledge of Sun-Protection Practices using a Pre- and Post- Test**

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**W**hile sunscreen is widely recognized for preventing harmful UV rays and maintaining healthy, youthful skin, the existing gaps in knowledge surrounding proper usage and its value among undergraduate students can render it less effective than intended. The purpose of this study is to assess the change in knowledge and behavior among undergraduate students at the University of Southern California before and after educational intervention on the use of SPF and the risk of melanoma. By comparing pre-test and post-test questionnaires, the research showcases the impact of health education resulting in significant changes in sun safety behavior. Primary data collection was accomplished with a descriptive survey questionnaire. The questions within the survey were formulated with reference to the Knowledge, Attitudes, and Practices (KAP) method, and included Likert scale, and multiple choice. This survey was administered to University of Southern California undergraduate students in a general education course: RXRS-201p: The History and Geography of Drugs. Our pre-test and post-test Qualtrics survey generated 88 and 33 responses, respectively. Quantitative data was collected to assess observable trends in sunscreen use behaviors and knowledge, which involved determining the percentages and frequencies of respondents who selected specific answers.

### **Biography**

Shyanne Casapao is a fourth-year Doctor of Pharmacy student at the University of Southern California (USC) Mann School of Pharmacy with a Bachelor of Science degree in Pharmacology and Drug Development from USC. She is a previous fellow for California Right Meds Collaborative and Healthcare in Action, health organizations that work to provide vital healthcare to individuals that are low-income, experiencing homelessness, and high risk for hospitalization.

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