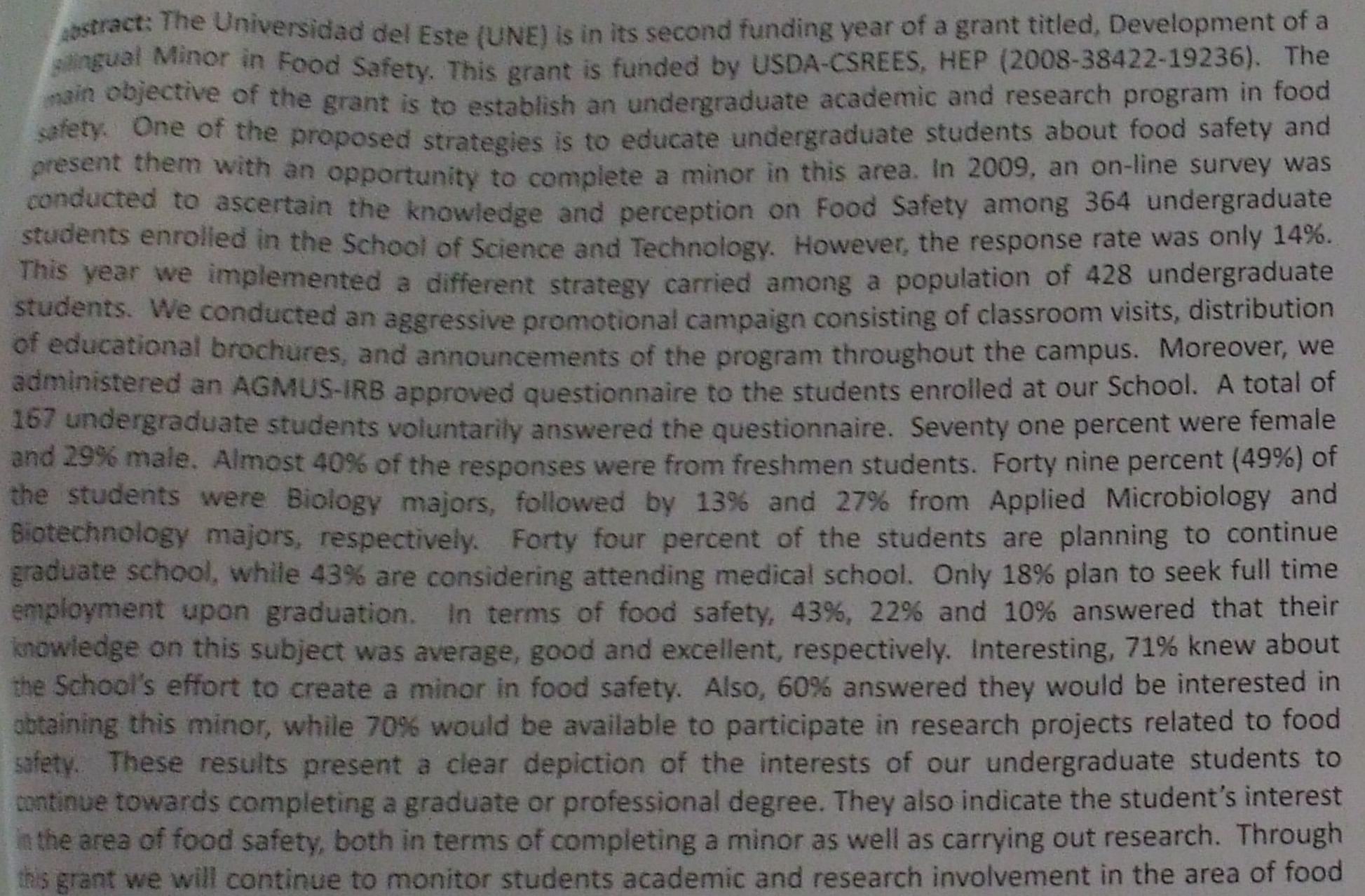


## PROMOTING FOOD SAFETY AMONG UNDERGRADUATE STUDENTS

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selety. Based on this study, we can predict that this new academic program will be very successful

words: food safety, undergraduate research, academic minor program

Introduction: The United States Agricultural Trade plays a key role in the economy by generating employment, income, and purchasing power (USDA Economic Research Service, 2004), It is estimated that each farm export dollar earned, stimulated another \$1.61 in business activity. In 2002 U.S. exports generated \$138.5 billion in business activity, \$53.1 billion from direct exports and the rest from supporting activities. Processed commodities comprised 43% of this total and surpassed the export of raw products (36%) as well as the transport and trade services sectors (17%). These figures highlight the potential job opportunities for professionals knowledgeable on food safety issues.

Materials and Methods: A survey was prepared by UNE in collaboration with the Center for Evaluation and Sociomedical Research of the University of Puerto Rico, Medical Sciences Campus. The questionnaire had 19 questions and was reviewed and approved by the AGMUS Institutional Review Board (IRB). The questionnaire was administered in the classrooms for two months during the second semester of the academic year (April-May). Students were asked to voluntarily answer the questions of the survey.

Results: A total of 432 students participated in the survey. The response rate was 39% which was much higher than a similar survey (14%) conducted the previous year. Table 1 presents general information regarding the students surveyed. Most of the student body surveyed was female and in the beginning of their academic program. Almost half majored in biology (49%), followed by Biotechnology (27%) and Microbiology (12.6%). Thirty-four percent of the students plan to go on to graduate school, 43% to medical school, and 18% enter the current job market. Table 2 presents the students' answers to specific questions regarding their interest in enrolling in a minor in food safety. The students comprehension concerning food safety needs to be reinforced, since 68% responded they had average or less than average knowledge of this topic. We need to conduct more orientation sessions so students will be better prepared to decide on their academic goals. Sixty percent are interested in enrolling in the food safety minor. Almost 70% are interested in participating in food safety undergraduate research projects. These results clearly show that we have a critical mass of students available and interested in enrolling in our new minor in food safety.

1. General information regarding students surveyed.

among undergraduate students in our School.

		Frequency (n)	Percent (%)
Sunder.	Female	118	70.7
	Male	49	29.3
Codemic Year	First year	65	38.9
	Second year	30	18.0
	Third year	26	15.6
	Fourth year or more	46	27.6
	Biology	82	49.1
	Microbiology	21	12.6
	Biotechnology	46	27.5
	Associate in Natural	18	10.8
	Sciences, other		
a after	Apply Graduate School	51	34.0
Detine 8.5			
	Apply Medical School	65	43.3
	Work Full time	27	18.0

to Food safety?

Table 2. Student's response to four specific questions of the Questions	Frequency (n)	Percent (%
Perception of knowledge about food safety	15	9.7
Excellent	34	21.9
Good		42.6
Average	66	
Poor	31	20.0
Very Poor	9	5.8
Did you know about the opportunity of completing a minor degree in Food Safety at UNE?		
	111	71.2
Yes	45	28.8
No		
Would you be interested in obtaining a minor in Food Safety?	0.3	60.4
Yes	93	
No	61	39.0
Would you be available to participate in research projects relate	d	

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