



BLOOMING

Inclusion and Diversity in STEAM

Reflection Questions

Rapid adulteration detection of cold pressed oils with their refined versions by UV-Vis spectroscopy

Associate Professor Dr. Habil. Eng. Simona POPA

1. What led Dr. Simona POPA to pursue a career in chemical engineering?
 - a) An early interest in the exact sciences: mathematics, physics, chemistry
 - b) Participation in competitions and Olympiads
 - c) Encouraging high school teachers

2. What is the main result of Dr. Simona POPA's research regarding the adulteration of crude oils with their refined versions?
 - a) Does it make oil quality analysis faster and more accurate?
 - b) Does it contribute to ensuring consumer protection?
 - c) Demonstrate to the students the practical dimension of applied research?

3. How can research help improve your personal consumption habits?
 - a) Does it demonstrate the importance of purchasing a food product after a sensory analysis regarding color, taste, smell, texture, aroma, etc.?
 - b) Can the results lead us to change our consumption habits?
 - c) Following the efforts of the authorities for consumer protection and analyzing product labels?



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Answers:

1. What led Dr. Simona POPA to pursue a career in chemical engineering?

Answer: a) An early interest in exact sciences: mathematics, physics, chemistry.

2. What is the main result of Dr. Simona POPA's research regarding the alteration of crude oils with refined ones?

Answer: a) Does it make oil quality analysis faster and more accurate?

3. How can research help improve your personal consumption habits?

Answer: a) Does it demonstrate the importance of purchasing a food product after a sensory analysis regarding color, taste, smell, texture, aroma, etc.?



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