

# Career Connection: Interview with Dr. Denis Giguère



After watching the video of an interview with Dr. Denis Giguère (<https://www.youtube.com/watch?v=znH0Fu93aww>), answer the following questions:

1- Which different universities has Dr. Giguère attended, and what level of study did he complete at each one?

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2- What advantages can studying and participating in several different research projects at different universities have for a professor and researcher like Dr. Giguère?

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3- A career in a scientific field often requires scientists to participate in conferences or seminars that take place around the world. At these events, researchers discuss recent advances in their labs and network with their peers in order to establish collaborations. Explain why a good knowledge of English is important in these situations.

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4- In a few sentences, describe the different research project that Dr. Giguère and his lab members work on at l'Université Laval.

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5- Aside from his research, what else is Dr. Giguère particularly proud of?

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6- In his interview, Dr. Giguère referenced proteomics and genomics. In your own words, what do these terms mean?

Proteomics: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Genomics: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7- Why does Dr. Giguère believe that in the years to come, many discoveries will be made that will use sugar-based molecules for medical purposes?

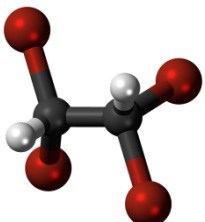
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8- What are the different branches of chemistry described by Dr. Giguère, and what is each one concerned with?

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9- In addition to the qualities needed to be a good chemist, according to Dr. Giguère what are the qualities of a good organic chemistry researcher? Justify each of your choices.

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10- According to Dr. Giguère, which atom is the basic element of organic chemistry?

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