

Poster

Chemical Education General Posters

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Developing thematic concept inventories in organic chemistry

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Concept inventories (CIs) are useful tools for diagnosing misconceptions and determining their distributions among students. Although several CIs have been developed for general chemistry, few examples of CIs involving the major divisions of chemistry have been published. This poster presentation will describe 1) the procedures used to identify unifying themes among the various divisions of chemistry and 2) the techniques employed to develop thematic concept inventories in organic chemistry. The use of Delphi surveys in the development process will be discussed in detail.