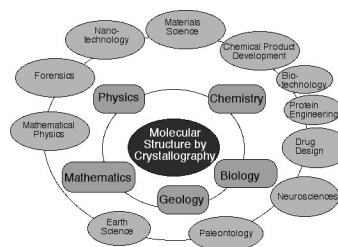


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Sustaining Crystallography in the 21st Century: Crystallography Education Policies for the Physical and Life Sciences. K.A. Kantardjieff, Keck Center for Molecular Structure, CSU Fullerton, U.S. National Committee for Crystallography and American Crystallographic Assn.

The USNC/Cr conducted two surveys to determine the content and extent of coverage of crystallography in university curricula, as well as the views of the greater crystallographic community on the status of crystallography education and training in the US, in both physical and life sciences. Recognizing the opportunity to communicate to the broader scientific community the research opportunities afforded by crystallography, as well as the value of crystallographic information, the ACA and USNC/Cr organized an education summit, which took place at the conclusion of the ACA national meeting in Orlando. The outcome is a consensus policy statement on crystallography education and training that makes recommendations for a comprehensive re-evaluation of crystallography education and suggests ways to develop in the broader scientific community an appreciation for the value of crystallographic information. The ACA and USNC/Cr intend that this white paper on crystallography education and training provides guidelines to professional societies and academic departments for crafting future crystallography curricula.



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