

Adventures in structural chemistry education: techniques for teaching crystallography virtually

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Structural chemistry education is an essential part of the charitable mission of the Cambridge Crystallographic Data Centre (CCDC). We continue to fulfill this mission through education and outreach initiatives such as involvement in science festivals, delivering workshops and creating online resources. The pandemic has required us to be more creative with our education and outreach efforts while maintaining the quality of instruction we provide. We will share our approach to global virtual instruction and how we have been able to present materials in interactive and engaging ways despite the limitations of remote learning. This talk will also highlight some of the online resources we curate and host at the CCDC for educators and students, and how we continue to translate materials intended for in-person activities to accessible online resources.