

Protein Crystallography & PUIs

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X-ray crystallography is a leading technique for solving protein structures, yet many would be protein crystallographers are not introduced to the technique in their undergraduate years through the curriculum. At primarily undergraduate institutions (PUIs) integrating protein crystallography into the undergraduate lab curriculum is challenging due to several barriers, including cost. Due to the small size of departments another major barrier is the lack of a trained protein x-ray crystallographer, which unfavorably affects adoption of this core technique in labs. Here I will discuss potential strategies for overcoming that barrier and making integration of protein crystallography in PUI curriculums more broadly accessible.