

Pursuit of a NSF-MRI Funded Small-Molecule Single-Crystal X-ray Diffractometer at a PUI  
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Predominantly undergraduate institutions (PUIs) offer important contributions to the national science initiatives as teaching intensive and research engaged communities. Many PUIs offer value as contributors to the science enterprise by providing effective student training and notable research outcomes. Because these meaningful experiences often require in-house instrumentation, it is essential this community have access to funding opportunities to develop such facilities. Once exclusive to industrial sites and Ph.D. granting institutions, single-crystal diffractometers have not only become more commonplace in the PUI setting, but an established value-added research and teaching tool. This presentation will describe the recent journey (proposal submission strategy and process) with the NSF-MRI program to acquire an X-ray diffractometer at a PUI.