

NIH Shared Instrumentation Program: Ongoing and New Funding Opportunities in 2021

Core Administration

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ORIP manages NIH's S10 shared instrumentation program, supporting the acquisition of various types of scientific instruments, including spectrometers, sequencers, microscopes, and imagers, if their usage can be justified by the needs of multiple NIH-funded and other biomedical researchers. By requiring shared use, the program provides economically viable access to essential scientific instruments. This poster will describe the 2020 program's assessment which led ORIP to continue the successful Shared Instrumentation Grant (SIG) and High-End Instrumentation (HEI) Grant Programs under the same conditions as before and also to create the new Basic Instrumentation Grant (BIG) Program for FY2022. This poster will also describe all three S10 programs, providing information about their application requirements.

To assess the S10 program's accomplishments and identify its future directions, in 2020 ORIP reviewed the 2015-2019 award and application data and received input from the research community. The S10 program funded almost 600 instruments for over 170 distinct institutions, in 42 states, DC, and PR. Through outreach and ORIP-NIGMS collaborations, ORIP achieved 88% participation of IDeA states in the S10 program, with 67% of these states having at least one institution receive an award. While SIG (award budget: \$50,000 - \$600,000) supports a broad range of commercial technologies needed by core facilities, the HEI (award budget: \$600,001 - \$2,000,000) supports more costly and often more technically advanced options. To broaden the impact of the S10 program, ORIP created the BIG (award budget: \$25,000 - \$250,000) program as a limited competition funding opportunity, targeting institutions that have not been major recipients of NIH instrumentation awards in the last 3 years.

ORIP invites SIG, HEI, and BIG applications for the deadline of 06/01/2021.