

Dayton professors awarded science grant



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Three Dayton-area professors have received grant funding from the [National Science Foundation](#) for research projects, the NSF announced Wednesday.

[University of Dayton](#) assistant professor [Keigo Hirakawa](#) and professor [Andrew Sarangan](#) were awarded about \$320,000 through August 2016.

The professors are working to develop spectral filter array (SFA) based image sensors, which they say will have portable and inexpensive applications in a number of uses, from geology, biomedical engineering, surveillance and forensics.

[S. Burçin Bayram](#), an associate professor of physics at [Miami University](#), was awarded an \$80,000 grant through July 2016 to study the energy transfer process between atoms and molecules, processes which are important to combustion and plasma formation.

In an abstract, the NSF said the research would help contribute to the education of local science, technology, engineering and mathematics (STEM) graduate and undergraduate students.

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