Molecular Spectroscopy Business Unit Sponsors NASA/HUNCH program

Thermo Fisher Scientific recognizes the importance of fostering an interest in science and educating the next generation of scientists. That's why the company began sponsoring the NASA-HUNCH (High school students United with NASA to Create Hardware) collaboration

between NASA and middle/high schools. Thermo Fisher Scientific provides both financial support and research instruments to high schools who in turn act as independent contractors through an official Space Act agreement to develop hardware for space flight.

Students design, build and eventually conduct their experiment on board NASA's microgravity aircraft every spring. Experiments that meet the program requirements and prove effective during the microgravity experiments can be submitted for the opportunity to be flown to the international space station.

Last year's HUNCH team used the Thermo Scientific™ picoSpin™ 45 NMR spectrometer to conduct the world's first Nuclear Magnetic Resonance experiment in a moving automobile, in an in-flight aircraft, and in zero-gravity. The data was presented to NASA at the first annual HUNCH Science Symposium where it was received with universal enthusiasm.

In addition, discussions have begun with CASIS, the organization charged by Congress to manage the US national lab on board the ISS, to learn more about the instrument and investigate the development of a miniaturized NMR spectrometer for space flight. At the present time there are 10 schools nationwide that are involved in the HUNCH program, details about the program can be found at ***www.nasahunch.com***.