

## Math, Science & Technology at MSU 2012

JINA ran a Nuclear Astrophysics course for MST @ MSU from July 13-27, marking the fourth year in a row. This program, run by the MSU Honors College, welcomes >50 high-achieving middle-school students per year, offering them three 2-hour courses of their choice for two weeks.

MST students have truly taken to the JINA offering, as two of this year's participants were repeating from last year! The thirteen young men and women assimilated a lot of information, from nuclear reactions to the nature of light to cosmic ray theory. The experience was capped by a cosmic ray experiment using portable detectors, on which the research teams reported in a poster session.

In a pre-post survey, the number of students indicating that they would "likely" or "definitely" pursue a career in Nuclear Astrophysics increased from 2 to 7. The course certainly opened their eyes to opportunities in theoretical and experimental science. We look forward to seeing some of these students in future PAN @ MSU or PAN @ ND programs!

Student reactions:

*"I learned so much new stuff, my mind is totally blown"*

*"I was amazed over and over again"*

*"I found my favorite subject to study"*



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MST @ MSU

<http://gifted.msu.edu/programs/math-science-and-technology-msu>