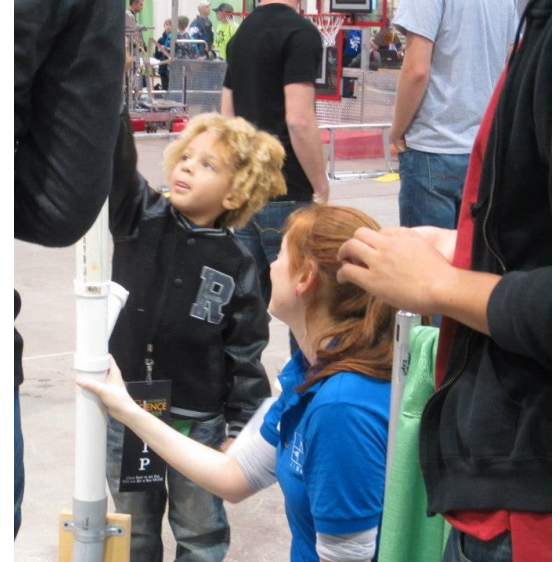


## CSI @ Indianapolis 2012

JINA staff and students were joined by members of ND College of Science and Riverbend Community Math Center to promote our educational programs through hands-on activities. Hundreds of children, parents, and educators participated in the activities in the ND set of booths.

The JINA booth showcased the marble nuclei fragmentation activity which uses gravity to accelerate the model nucleus before smashing it into a target nucleus. Participants then located their new isotope on the Chart of Nuclides and learned about radioactive decay. The JINA website and facebook page saw increases in traffic and downloads of the marble nuclei lesson plans immediately following the event.

Activities in the other ND booths included a model carbon nanotube made from balloons that grew throughout the day, interactive event displays of Higgs data, and modular arithmetic games.



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