

## THE STEAM PROJECT

### Project Participants:

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The Science and Technology Enrichment for Appalachian Middle-schoolers (STEAM) project, funded by the National Science Foundation with a 1.67 million dollar GK-12 project grant, provides educational science technology for Appalachian middle school students. The STEAM project also broadens graduate education for computer science and engineering students in OU's Russ College of Engineering.

The educational science modules that STEAM fellows create promote learning in a new setting – one that many agree portrays the future of education's merge with technology. STEAM fellows have created 26 Flash, stand-alone 3-D, and Second Life modules, all of which are available on the VITAL Lab's Web site free of charge.



For the last three years STEAM graduate fellows have worked with local school teachers to create and deliver engaging digital curriculum for use among students in grades six through eight, with six middle schools throughout Southeast Ohio involved. The participating middle school students receive interactive science education by utilizing both STEAM computer

programs and weekly hands-on classroom sessions taught by STEAM fellows.

*The 2008-2009  
STEAM team at  
Summer 2008  
Professional  
Day.*



### contacts

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