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#### Outreach and engagement to campus STEM groups using the library's 3D printer and scanner

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# Outreach and engagement to campus STEM groups using the library's 3D printer and scanner

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### Our Equipment

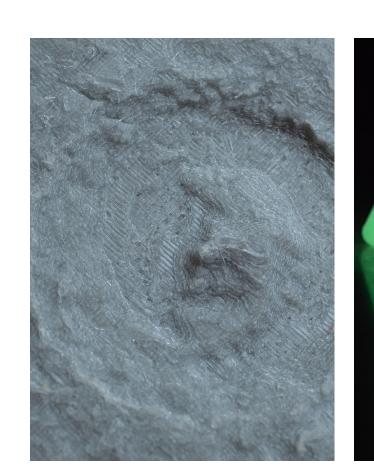


#### Events

Think 3D at Morris Library Friends of the Library Demo 3D Printer Build with Makerspace Sustainability Carnival Math Field Day Art Education Festival Chamber of Commerce tour Rotary Club presentation Project NEXT Generation demo **New Student Orientations** Family Carnival

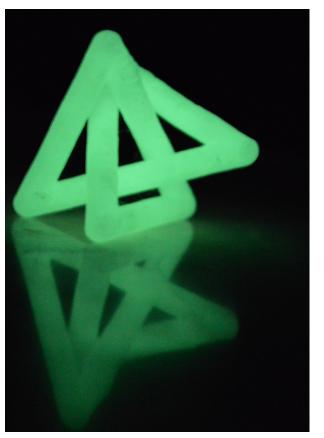
Science in the South Teacher Conference Science Cafe Presentation at the local Science Center Think Science! Dinner Presentation

# Models Printed During Events

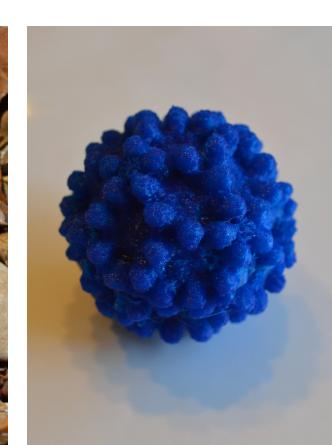


Gale Crater - Mars

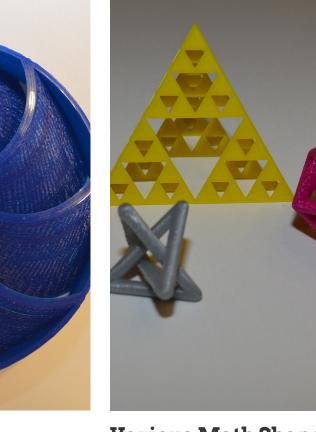
Frog Dissection Kit







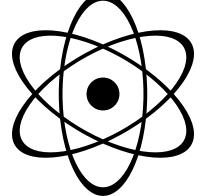
**West Nile Virus** 

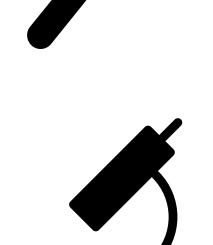




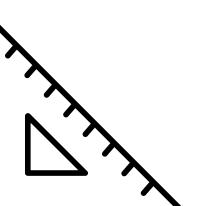
**Various Math Shapes Human Inner Ear** 

### Targeted STEM Groups

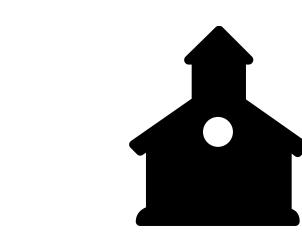




Local Makers

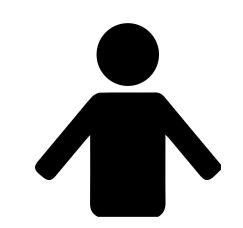


College of Engineering



Area STEM Teachers

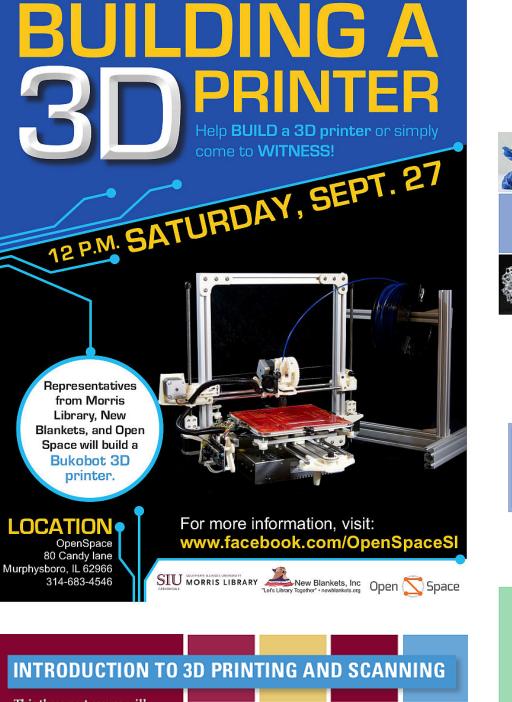
Labs

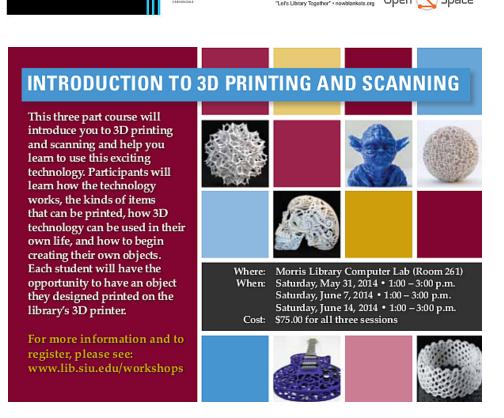


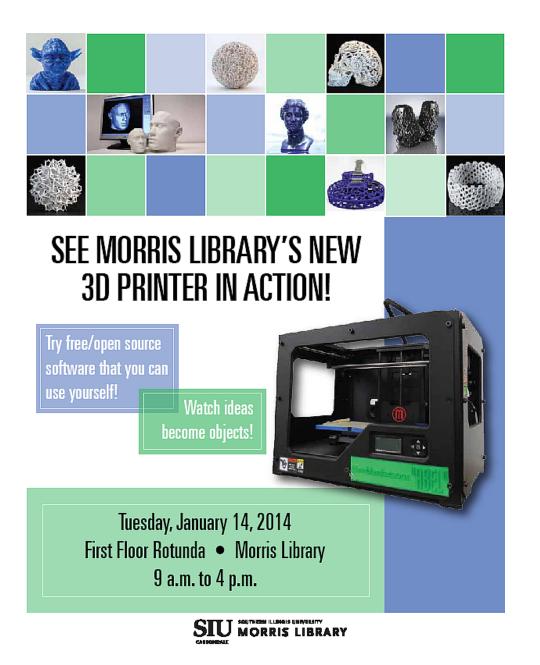
Registered Student Organizations

## Marketing Materials









#### Outcomes

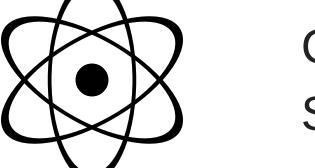
- 1. Informed the campus about these new library services
- 2. Helped highlight other library services during the events
- 3. STEM patrons met their liaison librarian

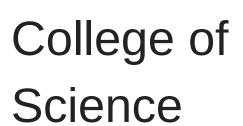
**Fan Part** 

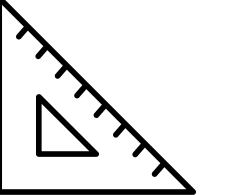
- 4. Brought in 14 new classes for library sessions in departments such as: Engineering, Engineering Technology, Computer Science, Anthropology, Chemistry, Theater, and Sculpture
- 5. 736 people attended just the workshops and class sessions

### Future Steps

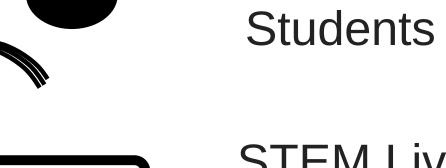
- 1. Develop projects with STEM faculty on campus
- 2. Conduct more outreach with the local community
- 3. Involve more non-STEM student organizations on campus
- 4. Create a social media presence for the 3D program
- 5. Conduct workshops specific to applications & 3D modeling







Graduate



STEM Living Learning

Communities

Marketing flyers designed by Sharon Granderson, SIUC

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