



INDIANA HUMANITIES QUANTUM LEAP GRANTS Fall 2017

STEM/Automata Curriculum for Madison County Schools

The Anderson Center for the Arts, Anderson

Award: \$3,991

Timeline: October 2017–September 2018

The Anderson Center for the Arts will develop a K–12 STEAM program curriculum that incorporates stories from local history as well as hands-on projects that combine art and automata machines. It will pilot the program with a small group of Lapel Community Schools students and then offer the program county-wide.

Cultivating Our Gardens

Wabash College, Crawfordsville

Award: \$4,000

Timeline: September 2018–April 2019

Wabash College will deliver a series of public lectures and discussions around themes related to innovation and plant-based science. Lectures will take place at the college, with discussions to be held at a local brewery.

Through the Eyes of STEM: Our Past, Present and Future World

Carnegie Museum, Crawfordsville

Award: \$3,249

Timeline: March–December 2018

The Carnegie Museum will create a nine-part exhibition exploring STEM and the humanities. The program will use panel discussions, technology, viewing stations and historical documents to look at contributions that Montgomery County residents have made to the sciences and the humanities and to consider emerging ethical dilemmas related to science and technology.

Wondrous World: Introducing Nature-Study and the History of Female Naturalists and Conservationists

Girls Inc. of Johnson County, Franklin

Award: \$3,945

Timeline: October 2017–June 2018

Girls Inc. of Johnson County will present a series of workshops to introduce girls to the global history of pioneering women naturalists and conservationists. Participants will explore the literary genre of nature writing and conduct research with a female field biologist in urban forests and parks.

Plugging the Imagination Gap: Sustainability and Speculative Design

Indiana University Bloomington

Award: \$1,700

Timeline: January–April 2018 (tentative)

Doctoral students from Indiana University's School of Informatics, Computing, and Engineering will create interactive exhibitions using speculative designs to look at the Chernobyl nuclear disaster. Visitors will engage with the designs to understand the short- and long-term consequences of environmental disaster and learn about the interaction between technologies and ecology.

Rise of the Robot: A Winter Reading Program

Shelby County Public Library, Shelbyville

Award: \$2,021

Timeline: January–March 2018

The Shelby County Public Library will sponsor a six-week winter reading program for kids. Participants will take part in hands-on activities to learn concepts of robotics and 3D printing and will read related books to understand the history, theories and ethics behind robotics and artificial intelligence.

Conservation with James Rebanks: A Shepherd's Perspective on Stewardship and Ethics

Trustees of Indiana University/IU South Bend

Award: \$3,000

Timeline: Jan. 22, 2018

IU South Bend will bring author James Rebanks to campus to discuss his book *The Shepherd's Life: A Tale of the Lake District*. Rebanks will explore his work in traditional shepherding and his approach toward environmental stewardship. His talk will be the premier event in the university's six-part series "The Environment and Society: Ethical Foundations for a Sustainable Future."