2012

USC Image Center

Allison Marsh  
*University of South Carolina - Columbia, marsha@mailbox.sc.edu*

Follow this and additional works at: http://scholarcommons.sc.edu/imm_section1

Part of the Arts and Humanities Commons, Bioinformatics Commons, Biology Commons, Biotechnology Commons, Chemistry Commons, and the Library and Information Science Commons

Recommended Citation

http://scholarcommons.sc.edu/imm_section1/2

This Book is brought to you for free and open access by the Imaging the Invisible at Scholar Commons. It has been accepted for inclusion in Section 1: Introduction by an authorized administrator of Scholar Commons. For more information, please contact SCHOLARC@mailbox.sc.edu.
McKissick Museum is partnering with the School of Library and Information Science and Arius3D, Inc. to establish an Image Centre that houses a state-of-the-art 3D scanner system. The Arius3D scanner can determine both the shape and color of artifacts by measuring their surfaces on a point-by-point basis. From brush strokes on a painting to cracks in a sculpture, special features of objects that cannot be conveyed through standard two-dimensional imaging are captured using these three-dimensional models. These digital models serve various functions, including:

- Providing virtual access to culturally significant objects of museum collections
- Advancing breakthroughs in research by visualizing objects in alternate ways
- Preserving the museum’s collections by creating digital replicas of objects and assessing changes in objects’ shape and texture

By changing how McKissick Museum’s collections are preserved and circulated, the Image Centre is transporting objects beyond the museum’s walls.