October 29: Thornton Staples: SIdora: A Software Environment for Supporting Research at the Smithsonian

SYNOPSIS:

The Office of Research Information Services (ORIS) was created within the Office of the Chief Information Officer to address the need to manage the digital output of all of the research activities of the institution. ORIS has built a first pilot system of SIdora, a general information architecture and software environment based on Islandora and Fedora that is designed to be used by Smithsonian researchers to capture and organize the digital "evidence" as they create it in their research process, and use it directly in their analysis and dissemination activities. The goal is to actively support the research process as it unfolds, leaving behind a coherent expression of the digital content for a complete research project that can permanently stand alongside related publications. The SIdora architecture, which is designed to manage research output as if it were part of a network of information, will be presented and the first version of the software will be demonstrated for managing the excavation evidence of a complete archaeological site in Panama, and for an international study of mammal populations. The demonstration will show how the system enables researchers to manage and describe their own data, use it with Taverna workflows for analysis, and to expose sets of durable resources to be cited in publications.

Session details...

BIO:

Thornton (Thorny) Staples is the Director of the Office of Research Information Services at the Smithsonian Institution, Office of the Chief Information Officer (CIO). He has previously been Director of the Fedora Project; Director of Community Strategy and Alliances for DuraSpace; CIO of the Smithsonian American Art Museum; Director of Digital Library Research and Development at the University of Virginia; Special Projects Coordinator for Academic Computing at the University of Virginia; and Project Director at the Institute for Advanced Technology in the Humanities at the University of Virginia, which was responsible for the creation of the Rossetti Archive and The Valley of the Shadow. He has also been involved with the development of information architecture for large, complex digital academic and cultural history projects in Europe, Australia and the United States.

SUMMARY:

Topic: SIdora, A Software Environment for Supporting Research at the Smithsonian

Speaker: Thornton Staples

Date: Wednesday, October 29, 2014

Time: 11 AM – 12 PM EDT

You are invited to listen to Mr. Staples' presentation in Room 2W908 in the NCI Shady Grove Building on Medical Center Drive or via WebEx.

Presentation: A screen cast of the presentation will be available for viewing after the event on the NCI CBIIT Speaker Series YouTube Playlist .

About the NCI CBIIT Speaker Series:

The National Cancer Institute (NCI) Center for Biomedical Informatics and Information Technology (CBIIT) Speaker Series is a bi-weekly knowledge-sharing forum featuring both internal and external speakers on topics of interest to the biomedical informatics and research communities. For additional information, including past speaker series presentations, visit the CBIIT Speaker Series page.

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