



SHARE Workshop

Overview: CDISC standards are open and freely available as published PDFs. To provide machine-readable versions of these standards, CDISC launched the Shared Health And Research Electronic library (SHARE) for developing, integrating and accessing CDISC standards metadata electronically. Implementing SHARE's standards can facilitate collecting, aggregating and analyzing standardized data from early design to end analysis.

SHARE is a curated resource that makes content available through eSHARE in a variety of file formats (e.g., RDF, XLS, XML, PDF) and a RESTful Application Programming Interface (API) that will be launched to the public later in 2016.

SHARE instructors will hold a half-day workshop to provide a detailed overview of the metadata repository, how to access content through either eSHARE file downloads or the SHARE Application Programming Interface (API), examples of how vendors have used SHARE's metadata content in their software, and the SHARE roadmap.

At the Interchange, attendees will have the opportunity to hear more about SHARE during a speaker and panelist session and to interact directly with a group of vendors who will demonstrate how they have used electronic CDISC standards from eSHARE and the SHARE API in their own tools.

Description: The workshop will provide background on metadata repositories (MDRs), demonstrate how standards are managed and published using SHARE and its ecosystem of supporting tools, and show how to access electronic standards content within SHARE. Additionally, the workshop will provide didactic content from SHARE expert instructors, hands-on activities with SHARE and the API, as well as a summary of how community members have used SHARE in their own software systems. Attendees will have an opportunity to provide feedback to the CDISC SHARE instructors based on what they have learned and the hands-on exercises.

- Introduction to MDRs and their benefits to organizations
- ISO 11179 MDR standard and its application to SHARE
- SHARE's metamodel, metadata organization and biocuration processes
- SHARE's CDISC model and the relationships between standard metadata elements
- eSHARE demonstration and hands-on activities
- SHARE API overview, technical specifications and benefits of use
- SHARE API demonstration and hands-on activities
- Examples of how SHARE content has been used in third party systems with product demonstrations
- The SHARE Roadmap

Audience: This Workshop will benefit IT professionals, developers, software architects, data managers, biostatisticians, standards implementation specialists and other community members who want hands-on experience with SHARE. **Space is limited to the first 35 participants.**

Prerequisites: Workshop attendees must bring their own laptop to connect to the Internet to explore content in eSHARE and use the SHARE Application Programming Interface (API). To participate in hands-on SHARE API activities access to a text editor (Notepad will do) and a modern browser are minimum requirements. Basic computer skills are required to use eSHARE and the SHARE API.

Date: Tuesday, 27 September; 9 am – 1 pm

Pricing: Platinum Members and Academic/Gov/Non-profit - \$420; Gold Members - \$560; Non-Members - \$700

Instructors: Dr. Lauren Becnel, CDISC Senior Director, Bioinformatics and Alliances and others from the CDISC SHARE Team

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