1. Tplyr
2. Define-XML XLS Stylesheets
3. OpenStudyBuilder

- Sam Hume, VP, Data Science, CDISC
- Charles Shadle, Head of Data Science Operations, CDISC
- Mike Stackhouse, Chief Innovation Officer, Atorus Research
- Eli Miller, Informatics Application Developer, Atorus Research
- Lex Jansen, Sr. Director, Data Science Development, CDISC
- Henrik Lynge, Vice President, Novo Nordisk A/S
- Mikkel Traun, Principal Programmer, Novo Nordisk A/S

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Today’s Agenda

1. Housekeeping
2. Feature Presentation
3. Upcoming Learning Opportunities & Events
Housekeeping
Housekeeping

You will remain on mute
Submit questions at any time via the Questions tool on your GTW app
Audio Issues?

First, close and restart your GoToWebinar App
Second, check your local internet connection strength using the Audio tool
A recording of this webinar and the slides will be available in the **Members Only** section of CDISC website.
COIS Spotlight

CDISC Open Source Alliance

1. Tplyr
2. Define-XML XLS Stylesheets
3. OpenStudyBuilder

- Sam Hume, VP, Data Science, CDISC
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Questions & Answers
ELI:

Is Tplyr built on SAS?
Audience Questions

ELI:
Is tplyr built on top of dplyr? 
Does it inherit all the cool features from dplyr and tidyverse?
Can we display scientific notation using Tplyr?
Audience Questions

Do you have other webinars before this one where you explain the Tplyr package?
Are they available to the public?
Can you please share the link for the tplyr shiny app?
Audience Questions

Is there an updated version of define.pdf in the github?
LEX:
Will the localization & translation be reviewed and/or governed to ensure their accuracy?
Audience Questions

If an xml file contains data specs in multiple languages, will the `define.html` file, if you create a Japanese one, then automatically display the metadata of the xml file in Japanese language (sure, if included) and the Chinese `define.html` automatically display the Chinese metadata?
Audience Questions

MIK KEL:
Do you find Graph API useful in your applications?
Audience Questions

For each presenter who spoke about standardizing the protocol, how do you see the clinicians and other protocol authors interacting with your systems or tools? The tools seem geared towards representing information but that doesn't necessarily reflect the process of creating a protocol.
MIKKEL:
Have you thought of adding impact analysis such that users/approvers can review impacts to existing studies prior to applying or approving a change?
Audience Questions

What is the technological stack of Study Builder?
MIKKELE:
Thanks for sharing the progress made so far! Looking forward to getting my hands on it. Is the OpenStudyBuilder live and available on Github/Gitlab? If not, what is your timeline? And how does one start using it - access via Web or does it need local download? Is the MDR solution going to be part of the open source solution or is the expectation that the companies will use their own metadata repository? Will the APIs be available as part of the open-source code?
Upcoming Events
April - May

2022

Europe Interchange Trainings

July

Asia

Virtual Training Event

Regional discounts will appear at checkout.

September

US

Virtual Training Event

- Information available at: [www.cdisc.org](http://www.cdisc.org)
- Register at: [https://learnstore.cdisc.org/](https://learnstore.cdisc.org/)
- Contact us at: training@cdisc.org
Free CDISC Courses

Http://learnstore.cdisc.org
Register on the Europe Interchange registration page – no requirement to register for the main conference.

The OpenStudyBuilder is an open-source project for clinical study specification. This tool is a new approach for working with studies that once fully implemented will drive end-to-end consistency and more efficient processes - all the way from protocol development and CRF design - to creation of datasets, analysis, reporting, submission to health authorities and public disclosure of study information.
# Upcoming Webinars

<table>
<thead>
<tr>
<th>Date</th>
<th>Webinars</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 April</td>
<td>Controlled Terminology Updates for Q1 – P49 Publication / P50 Public Review</td>
</tr>
<tr>
<td>19 April</td>
<td>QRS Office Hours</td>
</tr>
<tr>
<td>21 April</td>
<td>SDTM Genomics Findings Office Hours (registration coming soon!)</td>
</tr>
<tr>
<td>28 June</td>
<td>Controlled Terminology Updates for Q2 – P50 Publication / P51 Public Review</td>
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</tbody>
</table>

## Webinars – Dates TBD

<table>
<thead>
<tr>
<th>SDTM Genomics Findings Office Hours</th>
<th>ADaM Office Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEND Office Hours</td>
<td>QRS Quarterly Updates</td>
</tr>
</tbody>
</table>

I ideas or suggestions for webinar topics? Any topics you would love to see us cover? Let us know via our topic suggestion form: [https://www.cdisc.org/form/webinartopicreq](https://www.cdisc.org/form/webinartopicreq)
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Contact Education inbox: training@cdisc.org

Contact Bernard directly: bklinke@cdisc.org