# ****Nano WG Meeting Notes September 8, 2011****

## ****Attendees:****

Nathan Baker, PNNL

Gilberto Fragoso, NCI

Elaine Freund, 3rd Mill

Fred Klaessig, PA BioNano

Denise Warzel, NCI

Liz Hahn-Dantona, NCI EVS

Jessica Adamick, NNN

Mark Hoover, CDC

Dennis Thomas, PNNL

Stacey Harper, OSU

Juli Klemm, NCI

## ****Notes:****

Stacey Harper Outstanding new environmental scientist by award NIH

### ****Jessica on NNN****

Reviewed info on speakers, hotel, dates for conference and topics (e.g. SAR and Minimum Requirements for Characterization)

### ****Denise on registering nano-TAB in the caDSR****

caDSR – UML domain model uploaded in batch upload from UML

caDSR – data or meta data repository – data dictionary for all resources at caBIG and some NCI

repository has description of each data element in a database

There are software tools to create and edit and extract content, to reuse in new apps

How to get nano-TAB in? Not in a UML model based approach.

Denise recommendations:

* Bulk loading of CDEs and use of the curation tool
* Bulk loader uses excel. Each row is a data element.
* caDSR custom template, add or use content
* Custom excel template has rows for data elements. Denise loaded nanoTAB into the spreadsheet. Next step is to curate each row.
* Form builder – doesn’t hold instances but describes the structure of the form (fields and skip logic)

### Demo

Work with Denise or Diane, no training needed’

AI: need name or names to do the validation with team

Number of data elements manageable for team. We will need to review to ensure this is the right list.

There is one section where Diane sees repeats. Finalize list, they would annotate, we review annotations, they transform and load, we review in browser. Release.

Discuss mapping to NPO vs autogenerated. Definitions not always useful with autogenerated. Definitions in comments are more helpful.

Would like us to give constraints (values, value domains, controls – such as pull from NPO))

### ****Nano-TAB expansion****

Q on how to get people using it?

Communicate (conferences, posters, publication, etc., listen to groups with use cases and suggest it)

AI: look at web site and comment

AI: circulate comments from Liz

Q. do you have a timeline?

A. fall meetings – might be nice to have this done Nov 2 and 3

### ****NPO views****

AI: Elaine to distribute views from Dennis and then ask all to look and comment.

Ai: Schedule Dennis and Allan on NPO Views

### ****QSAR –****

Develop and adopt minimum standards for QSAR used in Europe and apply to other predictive modeling used in nanomedicine.

Nanoinformatics meeting – suggest better terms for SAR for nanomaterials. It is not equivalent to SAR but is related, so it is confusing

### ****Nano manuscript****

Selected journal, did a brainstorm

AI: to set intermediate goals