# Nano Working Group Meeting October 27, 2011

## Attendance:

Elaine Freund, 3rd Mill

Nathan Baker, PNNL

Jennifer Fostel

Stacey Harper, OSU

Juli Klemm, NCI

Jessica Adamick, NNN

Dennis Thomas, PNNL

Marty Fritts, NCL

Fred Klaessig, PA BioNano

Kaizhi Tang, I-A-I

Gilberto Fragoso, EVS

## ****Action Item Summary****

AI: Elaine to recirculate strawperson response to FDA guidelines.

AI: Jennifer to reach out to Elaine re: NPO when ready in order to represent Nano in OBI

AI: Dennis to send latest version of ASTM work item around.

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

### ****Nanoinformatics 2010****

Metaontology project – knowledge engineering in nano informatics – split into 3 subgroups

* Data federation and sharing – Joe Glick
* Structure activity and predictive design (Christian Narajan)
* Vocabulary and ontology – Nathan

### ****Next week is discussion with Carlos Pena.****

AI: Elaine to recirculate strawperson response.

### ****Presentation on OBI from Jennifer Fostel.****

Q. Alias protocols – can you see if there are major differences before grouping. Make meaningful distinctions when doing the alias?

A. You don’t get the details so it is hard to know. You can measure ALT more than one way.

Analyte and evaluatant. Don’t have info to add.

Q. Is there a way to check if experimenters have a robustness test?

A. Don’t request that info, but it can be captured. Is a goal to show the extra data they can capture.

Use OBI terms in CEBS so they can create triple stores to enable interoperability via the semantic web.

Discussion of Biospecimen and materials file in nano-TAB.

Switched from nanomaterial from being matter in a condensed state and is a shift in use.

For CEBS – using matter as something you can physical touch. Software =information entities

Q. Are you documenting code output as well?

A. Yes, there have been an enormous number of discussions. Information Artifact Ontology – they resolve the hard issues. They are dealing with software and computation augmenting experimental data.

Nathan to the group.

Path of least resistance to get more process and investigation into nano-TAB?

Use OBI or more to think about. Urge group to join OBI and get them incorporated (regular calls).

Jennifer could bring them forward if explained in enough detail.

Specimen - could be a rock, nanoparticle, etc. Open to working with the group on that.

Next step: get Jennifer up to speed and have her represent the group. Jennifer likes the nanomaterials approach.

AI: Jennifer to reach out to Elaine re: NPO when ready

### ****Respond to nano-TAB negative comment.****

Fred had some conversations. Is this a major re-write.

No changed material, it is moving material around.

Fred will do the moving around. Recommendations were straightforward. Stacey will help.

AI: Dennis to send latest version of ASTM work item around.