

DRAFT

**Office of the Director
National Cancer Institute (NCI)**

**Cancer Bioinformatics Grid (caBIG)/National
Biospecimen Network (NBN) Pilot Teleconference:
Review of NBN Pilot Workflows and High-Level Use Cases**

**June 3, 2005
10:00 p.m. – 11:30 p.m. EDT**

SUMMARY

List of Participants

Harshawardhan Bal	Booz Allen Hamilton (BAH)
Paul Fearn	Memorial Sloan-Kettering Cancer Center (MSKCC)
Ian Fore	National Center for Bioinformatics (NCICB) Contractor
Mariana González del Riego	Rose Li and Associates (RL&A)
Steve O’Krepky	RL&A
Sharon Settnek	Science Applications International Corporation (SAIC)

Introduction

Participants agreed to table the discussion planned for the teleconference (see agenda, Attachment 1) because several core team members of the Prostate SPORC Task Force for NBN Implementation were not in attendance. Nevertheless, those who did participate chose to briefly discuss the completion of the NBN Pilot Executive Summary (including the writing of use case narratives and the association of common data elements [CDEs] with the use cases) in an effort to better define the next steps for the group:

Discussion

Use Case Narratives. Paul Fearn sought guidance on how to approach the writing of use case narratives. He emphasized the need to define actors and standardize terms. Sharon Settnek volunteered to assist in this process.

Associating NBN Pilot CDEs with Use Cases. Paul Fearn also inquired about the best way to indicate which CDEs are associated with a given use case. Sharon Settnek suggested that the procedure described in the caTISSUE core CDEs document be considered. The two potential approaches that could be implemented are as follows:

1. CDEs could be captured in a table format. The first column would list CDEs, a second column its definition, and a third column the associated use cases(s). For instance, patient identification would be entered in the CDE column, its definition in the second column, and key steps of a specific use case with which the CDE is associated (i.e., “submit

clinical data” and “browse clinical data”) in a third column. The information captured in such a table would allow a developer to develop a wire frame.

2. Alternatively, each use case diagram could be followed by a list of CDEs that are applicable to it.

Paul Fearn preferred the first option because of the fact that some CDEs are associated with more than one use case. Sharon Settnek also emphasized the importance of ensuring that naming conventions be established. At the end of this discussion, Harshawardhan Bal agreed to provide the latest version of the caTISSUE document to the group.

Paul Fearn inquired whether a list of proposed changes should be developed to keep track of changes to the use cases. Sharon Settnek replied that one person should write the narratives while another makes the necessary changes and checks for consistency across use cases and narratives. Once the use case descriptions are completed, she recommended they be reviewed by the Task Force core team. If at any point in time discrepancies are identified by the writer or editor, the use cases should be modified and the change recorded on a “sign-off sheet and change” document. Each time a change is made, it should be recorded and subsequently reviewed by the core team.

Paul Fearn indicated his intent to complete the NBN Executive Summary by July 1, 2005. Sharon Settnek volunteered to update the Visio workflows and use cases while Paul Fearn wrote the text of the report. It was agreed that he would send email messages to Sharon Settnek indicating which changes needed to be made to the images and she would update them accordingly.

Finally, Paul Fearn felt that the NBN Executive Summary should be presented to the Task Force during the June 8, 2005 monthly teleconference to obtain their input early on. Mariana Gonzalez del Riego would make sure to include the topic in the agenda.

Next NBN Pilot Teleconference

Mariana González del Riego notified participants that the next teleconference was scheduled to take place on June 10, 2005 from 11:00 am to 12:30 pm EDT. In the early part of the conference call, Dr. Colin Collins, University of California at San Francisco (UCSF), will be discussing the UCSF Prostate SPORE comparative genomics hybridization (CGH) studies in the context of NBN Pilot use cases and CDEs. The Task Force core team will then have a chance to review the latest changes to the NBN Executive Summary, including the use case narratives. In preparation for Dr. Collin’s presentation, Paul Fearn suggested that the section of the Inter-SPORE Prostate Biomarker Study proposal on CGH studies be disseminated to participants prior to the teleconference.

Teleconference Adjournment

The teleconference was officially adjourned at 10:30 am EDT.

Attachment 1

caBIG/NBN Pilot Teleconference: Friday • June 3, 2005
Review of NBN Pilot Workflows and 10:00 AM – 11:30 AM EDT
High-Level Use Cases Part 4

AGENDA

10:00 AM – 10:05 AM Introductions

- Participant Introductions
- Discuss Meeting Goals/Objectives
 - Review of Workflow and High-Level Use Cases

10:05 AM – 11:05 AM Review of Workflows and High-Level Use Cases

- Workflows
 - ❖ Prospective Study
 - ❖ Retrospective Study
 - ❖ Biomarker Study
- High-Level Use Cases
 - ❖ Prospective Study
 - ❖ Retrospective Study
 - ❖ Biomarker Study (cursory review)
 - ❖ Administrative
 - ❖ Analysis/Query

11:05 AM – 11:20 AM Feedback on NBN Pilot Executive Summary Use Case Narrative

11:20 AM – 11:30 AM Discuss Next Steps

- Goals of Next Teleconference:
 - *Friday, June 10, 10:00 am to 11:30 am or 11:00 am to 12:30 pm EDT* – Discussion of CGH studies and related use cases and CDEs with UCSF Prostate SPORE representatives
- Other Steps
 - Prioritize Use Cases
 - Develop Detailed Use Cases
 - Develop Scope Document Based on Prioritized Use Cases
 - Review of Existing CDEs
 - Mapping of Existing CDEs to Prioritized Use Cases

Additional Information

- Draft Workflow and High-Level Use Case Diagrams
- NBN Pilot Executive Summary (including Use Case Narrative)