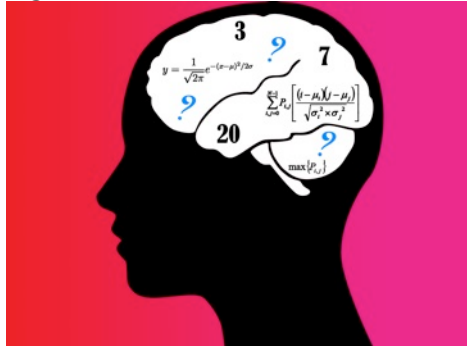# iNeuro Project

Preparing a workforce to meet the challenge
of large-scale data in neuroscience.

2014 Conference
Holiday Inn Rosslyn at Key Bridge
Agenda

Day 1   Thursday, November 13, 2014

Part I: Defining the Problem

(01) 08:00 am - 08:30 am
Continental breakfast is served.

(02) 08:30 am - 09:00 am
Welcome and thanks. Terry Woodin (NSF), Bill Grisham (formerly NSF), Diane Witt (formerly NSF) give background.

(03) 09:00 am - 10:15 am
Break into focus groups divided by stakeholders. That is, segregate groups into:
- managers and purveyors of data resources
- individuals involved in bioinformatics training
- library and information scientists
- computer scientists
- neuroscience educators

Each of these groups will meet to determine what they want to get out of the large-scale data realm and how properly trained curators can get them there. Each group will produce a one-page outline that will be shared and given to the project's science writer.

(04) 10:15 am - 10:45 am
Break for 30 minutes.

(05) 10:45 am - 11:45 am
Statement of the problem. Round table discussion in which each person spends two minutes making a statement and/ or elaborating on a previous statement.

(06) 12:00 pm - 01:00 pm
Lunch is served.

(07) 01:00 pm - 01:30 pm
Summarize the problem. This will be assigned to the project's science writer.

(08) 01:30 pm - 02:30 pm
Discern where we are now. Describe the training that currently exists for curators of large-scale data. Perhaps managers and purveyors of data resources and individuals involved in bioinformatics training should take the lead on this. This should be a "fishbowl" discussion led by those who work in the field, while others listen (though listeners are not forbidden from commenting).

Part II: Building Solutions to the Problem

(09) 02:30 pm - 03:30 pm
Split up different stakeholder groups to create mixed groups of various stakeholders, with a maximum group size of n = 8.
Decide what skills a curator/ scientist of large-scale data would need. Each group will produce a two-slide outline describing the desired skill set.

(10) 03:30 pm - 04:00 pm
Break for 30 minutes.

(11) 04:00 pm - 04:30
Each group will report-out key points in the desired skill set with two slides. The project's science writer will summarize the report-out.

(12) 04:30 pm - 05:30 pm
Groups will split to form new mixed groups of various stakeholders, with a maximum group size of n = 8.
Decide what curricular mix would be needed to impart the desired skill set. Each group will produce at least a two-slide outlines of a suggested curriculum, which will be shared with the project's science writer and in a report-out.

(13) 05:30 pm - 06:00 pm
Report-out of each group's conclusions regarding a curriculum. The project's science writer will summarize the report-out.

(14) 06:00 pm - 07:00 pm
Buffet dinner is served.

Day 2   Friday, November 14, 2014

Part II: Building Solutions to the Problem   [continued]

(01) 08:00 am - 08:30 am
Continental breakfast is served.

(02) 08:30 am - 09:00 am
Primer on **Vision and Change**. Bill Grisham and Terry Woodin speak.

(03) 09:00 am - 10:00 am
Break into groups of mixed constituencies.   Perhaps managers and purveyors of data resources as well as those involved in bioinformatics training should lead these discussions.
Discuss whether existing training programs could serve as models for the desired training, or if these desired training programs have to be developed de novo. Discuss teaching approaches for these training programs, particularly as related to the Vision and Change report. Prepare a two-slide report.

(04) 10:00 am - 10:30 am
Two-slide report-out on whether or not current training programs could serve as models for the desired training. The project's science writer will summarize the report-out.

(05) 10:30 am - 11:00 am
Break for 30 minutes.

Part III: Assessing Solutions to the Problem

(06) 11:00 am - 12:00 pm
Reconstitute stakeholder groups.
Discuss whether or not they will get what they need out of the consensus. That is, determine if the proposed curricula and approaches are capable of meeting the needs of curators/ scientists of large-scale neuroscience data.

(07) 12:00 pm - 12:30 pm
Report-out of perceived strengths and weaknesses of the proposed curricula and approaches.
Thanks and adjournment.