Brief Bio and (PR)^2: Problems & Pitches – Raves & Rants by Bonny Harbinger

In preparation for the Science (Weather) Forecasts Workshop on October 26th, 2006 at the New York Hall of Science, NYC, we ask you to provide a brief bio and your input to the questions below. Feel free to concentrate on the questions for ‘Map Makers’, for ‘Funding Agencies / Clients’, or answer both sets.

We plan to make your input available at http://scimaps.org/meeting_061026.php before the meeting to ease introduction of participants and to structure the workshop more effectively.

Thank you for your time.

Biography (about 250 words)
(Please provide a photo of yourself and a link to your home page and relevant sites and publications.)
Bonny Harbinger, Ph.D., J.D. is the Deputy Director, Office of Technology Transfer (OTT), National Institutes of Health (NIH). OTT is responsible for managing the patenting and licensing activities for the NIH and Food and Drug Administration (FDA) intramural research programs and the central development and implementation of intramural and extramural technology transfer policy for NIH and the U.S. Department of Health and Human Services (HHS).

Prior to joining NIH, Dr. Harbinger practiced law at a firm that specialized in False Claims Act litigation. Before attending law school, she had a private practice in clinical psychology where she specialized in HIV/AIDS and substance abuse. She served as an officer in the Israeli Armed Forces where her tours of duty included casualty officer, organizational psychologist, and research and training psychologist.

www.ott.nih.gov

General Questions
What is your main interest in attending the workshop?

Learning more about what other people are doing in the areas of portfolio synthesis and visualization.

What is your main interest in ‘mapping science’ or ‘forecasting science’?

My office is developing a tool we call Catapult. Catapult is intended to customize currently available text mining and visualization tools to create a portfolio synthesis and visualization system directed towards identification of relationships between and among the thousands of technologies within the NIH and FDA intramural technology portfolios, as well as relationships between those technologies and other NIH and external sources.

What is the best static visualization of dynamic phenomena, e.g., growth or diffusion processes, you have ever seen? Examples could come from science, art, or any other field of human endeavor.

The HP advertisements on TV.

Questions for Map Makers
Please provide higher resolution images, a brief description, and if available citation references for up to three science maps you have created and are most proud of. Use one page per map.

What opportunities / solutions do maps / forecasts of science offer for what stakeholders?

What main challenges do you foresee for designing effective maps of science or science forecasts?

Questions for Funding Agencies / Clients
What information needs / knowledge management needs do you have? Explain your ‘dream tool’.

I need to be able to effectively market and manage a very large life science invention portfolio. The challenge is to understand the relationship(s) between and among the thousands of inventions in the portfolio as well as the intersection with other inventions and technologies outside NIH.

My dream tool would be able to take an NIH invention, relate it to everything that exists in any field of science, and visualize what the relationships are and why they are meaningful. The tool would perform integrative visualization leading to “planned serendipity,” invention bundling, identification of gaps in technology, etc.

Which part(s) of your daily work might most benefit from advanced science mapping / forecasting tools?

The marketing of the NIH and FDA intramural research portfolios.

What would you like to learn / achieve at the workshop?

Which are the best available tools for information synthesis and visualization.

Please send the completed document by Thursday October 19th, 2006 to Katy Borner <katy@indiana.edu> and Elisha Hardy <efhardy@indiana.edu>